## THE COPY

Accesson For NTIS CRA&I

DTIC TAB

Distribution f

Availability Codes
Avail and/or

Special

Ву

Dist

Unannounced Justification

SDTIC SELECTE DEC 0 6 1989 D &

A

USAFFT4C/DS-HY/220

SURFACE DRSERVATION CLIMATIC SUMMARIES

6 13

EMBLAND AFT EX

DREPARED BY

JL-A, USAFETAC ASHEVILLE, JURT 1 CARDUTAA 23501-2723

SEPTEMBER 1943

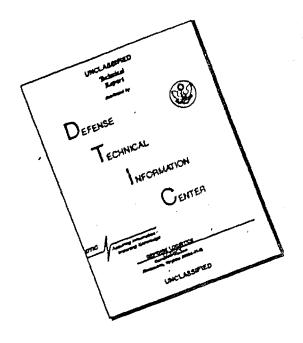
APPROVED FOR PUBLIC RELEASE OFTEN TRIBUTERO

( M.
------

USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

SCOTT AIR FORCE AFB, ILLINGIS, 52225-543%

# DISCLAIMER NOTICE



THIS DOCUMENT IS BEST QUALITY AVAILABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

AFFT4C/05-49/220

VATION CLIMATIC SUMMARIES

5.5

- VOLAND A= > LA

343075 J 34

L-A. USASETAC BLE. JURTA CARDEINA 23501-2723

SPOTEMBER 1989

D FUR PUBLIC RELEASE AUTION IS UNLIMITED.

JSAF COMMENTAL TECHNICAL LICATIONS CENTER

CE AF8, ILLINGIS, 52225-5438

#### REVIEW AND APPROVAL STATE I'NT

USAFETACIOS-89/220, SUPFACE DASERVATION CLIMATIC ENGLAND ARG LA, SEPTEMBER 1/30, HAS BELT REVIEWED OF FOR PUBLIC RELFASE. THERE IS 4) DRUFCTION TO INCLIDE INFORMATION CENTER (OTIC) TO THE NATIONAL TECHNICAL (NIIS).

JOSEPH L. BOYT: CHIEF, CLIMATIC APPLICATIONS, DUMA

FOR THE COMMANDIK

WALTER S. BURGMANN.
SCIENTIFIC AND TECHNICAL INFORMATION
PROGRAM MANAGER

REVIEW AND APPROVAL STATEMENT

OS-89/220, SUPFACE DESERVATION CLIMATIC SUMMARIES FOR FB LA. SEPTEMBER 1989, HAS BEEN REVIEWED AND IS APPROVED CRELEASE. THERE IS NO DBUECTION TO UNLIMITED DISTRIBUTION FOCUMENT TO THE PUBLIC AT LARGE. DR BY THE DEFENSE TECHNICAL ON CENTER (DTIC) TO THE NATIONAL TECHNICAL INFORMATION SERVICE

[]:1

#### REPORT DOCUMENTATION PAGE

- 14. REPORT SECURITY CLASSIFICATION: UNCLASSIFIED
- 3. DISTRIBUTION/AVAILABILITY OF REPURT: APPROVED FOR PUBLIC
- 4. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-89/220
- 5A. MAME DE PERFORMING ORGANIZATION: OPERATING LOCATION A. USAT
- 33. BEFICE SYMBOL: CA
- SC. ADDRESS: FEDERAL BUILDING, ASHEVILLE, NO 25501-2723
- 11. TITLE: SURFACE BASERVATION CLIMATIC SUMMARIES (SICS) FOR -
- 13A. TYOU OF REPORT: DATA SUMMARY
- 133. TIME COVERED: SEPTEMBER 1943 TO OCTOBER 1983
- 14. PATE DE REPORT: SEPTEMBER 1989
- 15. PASE COUNT:
- 15. SUPPLEMENTARY NOTATION: EFFECTIVE 1 JULY 1936, THIS PRODUCT DUGUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUPPLEMENT OF SURFACE (PUSSED) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUPPLEMENTS RUSSHOS AND LISOCS WILL CONTINUE IN USE, BUT WILL EVENTUALLY SEED.
- 17. CUSATI CUDES: FIELD--04. GRUUP--02
- 18. SUBJECT TERMS: \*CLIMATOLOGY, METEOROLOGICAL CATA, ATMUSPHOLOGICAL CATA, ATMUSPHOLOGI
- 19. ABSTRACT: SURFACE UBSERVATION CLIMATIC SUMMARIES (SUCS) 200, 1. CLIMATIC SUMMARIES OF SURFACE WEATHER DESERVATIONS TAKEN AND SECRETION USAF. CIVILIAN. AND FOREIGN OBSERVING STATIONS. HOURLY DESERVATION A 10-YEAR PERIOD OF RECORD (POR). SUMMARY OF DAYM (SOO) INFORMATION OF PROMISE DATA IN THE OLTA CLIMATIC DATABASE. Key 4, 0. 4 3.
- 20. DISTRIBUTION/AVAILABILITY OF ABSTRACT: APPROVED FOR PUBLIC AV
- 21. ABSTRACT SECURITY CLASSIFICATION: UNCLASSIFIED
- 22A. NAME OF RESPONSIBLE INDIVIDUAL: WILLIAM R. 3083
- 229. TELEPHONE: 704 259-0402 AUTOVON 697-3358

22C. 7F+1

DD FJRM 1473

BOAR MOITATINEMUDED TRUGS.

ISSIFICATION: UNCLASSIFIED

BILITY OF REPORT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.

ITION REPORT NUMBER: USAFETAC/05-89/220

ORGANIZATION: OPERATING LOCATION 4, USAFETAC

SUILDING, ASHEVILLE, NC 29801-2723

SERVATION CLIMATIC SUMMARIES (SDCS) FOR ENGLAND AFR LOUISIANA

YYAPPRUZ ATA

TEMBER 1943 TO OCTOBER 1983

EPTEMBER 1989

15. PAGE COUNT: 375

TION: EFFECTIVE 1 JULY 1938, THIS PRODUCT REPLACED THO USAFETAC N AS THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER DESERVATIONS OF SURFACE DESERVATIONS CLIMATIC SUMMARY (LISTING CONTINUE IN USE, BUT WILL EVENTUALLY BE REPLACED BY A SOCS.

LO--04. GRUUP--02

LIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, BILITY, WIND, SOCI, MENGLAND, AEB LOUISIANA, (K+)

UBSERVATION CLIMATIC SUMARIES (SOCS) PROVIDE STATISTICAL
UPFACE WEATHER DESERVATIONS TAKEN AND RECORDED AT SPECIFIED
EIGN DESERVING STATIONS. HOURLY DESERVATIONS ARE SUMMARIZED FROM
DRD (POR). \*SUMMARY OF DAY\* (SOD) INFORMATION IS SUMARIZED
IN THE OLEA CLIMATIC DATABASE. Key work \$5;

ABILITY OF ABSTRACT: APPROVED FOR PUBLIC RELEASE. DISTRIBUTION

CLASSIFICATION: UNCLASSIFIED

E INDIVIDUAL: WILLIAM R. 3088

9-0402 AUTOVON 697-3358

22C. OFFICE SYMBOL: JL-A/CA, JSAFETAC

#### PREFACE

EFFECTIVE 1 JULY 1989, THE SURFACE DESERVATION CLIMATIC A REPLACED THO OTHER USAFETAC PRODUCTS OF LONG STANDING: I JULETAM SUMMARY OF SURFACE HEATHER OBSERVATIONS) 440 LIST DBSERVATION CLIMATIC SUMMARY). RUSSHOS AND LISTOS HOW IN TINUE TO BE USED UNTIL THEY ARE EVENTUALLY PEPLACED BY 3.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVIRAL MAS INTRODUCED IN THE EARLY 1940'S AS THE MSHOSUM, MORE MAS INTRODUCED IN THE EARLY 1940'S AS THE MSHOSUM, MORE MONIFORM SUMMARY OF SURFACE AFATHERS IN 1945. THE USSAO GRADUALLY EVOLVED INTO THE MRUSSHOM AS FIMALLY BECAME THE NEW MSURFACE ORSERVATION CLIMATIC SUMMALLY 1943....

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USABLIACY A AT ASHEVILLE, NO 28801-2723. HERE, CLIMATOLUGISTS UST PUTER TECHNOLOGY TO SUMMARIZE HEATHER OBSERVATIONS CULLECT ITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARI THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN FACE WINTHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY DEFINED OF EIGHT (A-H). THE ADDITIONS ARE THE CROSSHIND AND HEATING-PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICAL OF THE DATA AND AN EXPLANATION OF HOW THE DATA IS PRESENT

#### PREFACE

39, THE SURFACE DRSERVATION CLIMATIC SUMMARY (SOCS)
USAFETAC PRODUCTS OF LONG STANDING: THE RUSSAO (REVISED SURFACE HEATHER OBSERVATIONS) AND LISCOS (LIMITED SURFACE SUMMARY). RUSSAOS AND LISCOS NOW IN EXISTENCE WILL CONTIL THEY ARE EVENTUALLY PEPLACED BY SOCS.

EN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT HE EARLY 1940'S AS THE "SECSUM," OR "SURFACE SUMMARY." THE RUNIFORM SUMMARY OF SURFACE REATHER DESCRIPTIONS." DEBUTED GRADUALLY EVOLVED INTO THE "RUSSHO" AND THE "LISOCS." IT NEW "SURFACE ORSERVATION CLIMATIC SUMMARY" OR "SOCS" IN

PREDECESSURS) IS PREPARED BY USAFETAC'S OPERATING LOCATION 28801-2723. HERE, CLIMATOLUGISTS USE STATE-OF-THE-ART COM-SUMMARIZE HEATHER OBSERVATIONS COLLECTED FROM SELECTED MIL-D FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA CIED. QUALITY-CONTROLLED. AND STORED IN OL-A'S AURLDHIDE SUR-ATION DATABASE.

ERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SUCS PROVIDES DOITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION EXPLANATION OF HOW THE DATA IS PRESENTED.

#### CONTENTS

INTRODUCTION STATION PERIOD OF RECORD. DATA STURCES. TERMS EXPLAINED TIME CONVENTIONS ASBREVIATIONS SUMMARY DESCRIPTIONS.
STATION HISTORY
PART A - ATMOSPHERIC PHENOMENA SUMMARIES
PART B - PRECIPITATION, SNOWFALL, AND SNOW DEPTH.  PERCENT DECURRENCE FREQUENCY.  MONTHLY TOTALS.  SNOWFALL  PERCENT DECURRENCE FREQUENCY.  MONTHLY TOTALS.  DAILY EXTREMES.  3-2-  SNOW DEPTH  PERCENT DECURRENCE FREQUENCY.  DAILY EXTREMES.  3-4-  JAILY EXTREMES.  3-4-  JAILY EXTREMES.  3-4-
SNOWFALL/SNOW DEPTH  FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
PART D = CEILING, VISIBILITY AND SKY COVER CEILING VS VISIBILITYPDF (FROM HOURLY DAS)

PART 1 - TEMPERATURE AND RELATIVE HUMIDITY	_
MINIMA	- 2
MAXIMA++	- 2
MEAN	- 1
#ET BULB	- 3
PART F - PRESSURE (FK)M HOURLY DRS)	- 1
ALTIMETER SETTING	- ;
PART G - CRUSSWIND SUMMARIES (FROM HOURLY DBS)1- PERCENT OCCURRENCE FREQUENCY	- 1 - 1
PART H - DEGREE DAY SUMMARIES (FROM HOURLY 085)	- 1

#### INTRIBUCTION

#### PERTOD OF RECORD.

- WRLY DESERVATIONS: NOV 73 DOT BE (AIRHAYS).
- CHMARY OF DAY DATA: SEP 43 NOV 45, APR 52 JUN 72, JUL 74 DOT BR (FULL TIME).
- PMARY JE DAY DATA: JUL 72 JUN 74 (PART TIME).
- DRS SUMMARIZED: 0000 LST THROUGH 2300 LST (FXCFPT 05-23 LST JUL 72 JUN 74).
- MIRCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY DESERVATIONS" AND/ SUMMARY OF DAY DATA," DEPENDING ON THE PHENDMENA OR OCCURRENCE BEING MARIZED. THE THO SOUMCES ARE DEFINED IN "TERMS EXPLAIMED."

#### TAPLATMED:

- GIATE DISTRIBUTION: A BIVAPIATH DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CETEINS AND VISIBILITIES IN PART OF TACH ROW AND EACH COLFORM OF A BIVARIATE DISTRIBUTION IS A EREQUENCY DISTRIBUTION. JOINT FRESHIP NOTES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.
- THE DESERVATIONS: ALL RECORD BY RECORD-SPECIAL DESERVATIONS ON ARSOLARS IDVIDE (DR. EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.
- MARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE DESERVATIONAL SOUNCES, INCLUDING HOURLY DRISERVATIONS, SPECIAL DESERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF ANS FORMS 107104 (OR EQUIVALENT) FOR ANY SIVEN DAY. NOTE: EXTREMES DECURRING DURING NOM-CORRALIDINAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.
- IF THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.
- SUBABLE ARDUNT: PRIADERS THUCKA BLABWORS NO HITATIRIDERS YMA :TRUCKA ELBARUS. Roare.
- IAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING DRDER. IF THE HUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE MEDIES.
- CHAT DOCURRENCE FREQUENCY (PDF): IN STATISTICS, FREQUENCY IS THE NUMBER DE TIMES ALGIVENLOUNT DR. EVENT DOCURS. IN THE SUCS. THIS IS EXPRESSED AS THE PERCENT DOCURRENCE FREQUENCY (PDF), WHERE THE FREQUENCY (NUMBER DE DOCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS AS COULD EXPRESS THE "PERCENT DOCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT DVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY DE DOCURRENCE."

IDD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE. IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH EIGHTO PRECIPITATION AND WAS EQUIVALENTAL.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VALIBBILITY OF THE GRANTITY CONCERNED ABOUT ITS APITHMETIC MEAN. THE EARGER THE STANDEVIATION. THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOOS ARE EXPRESSED IN LOCAL STANDA (EST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN IN SUMMARIES THAT SHOW DIGRNAL VARIATIONS, THE DATA IS SUMMARIZED FULLDWING STANDARD 3-MOUR MERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0300	1300-2000
2900-1120	2100-2300

ABTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS SIGNIFICANT SHORTFALLS IN 045ERVATION COURTS.

#### A PROVIATIONS USED:

6.47	TVLCMA	L T	LISS THAT
4 1 4	ANNUAL	٠,	METER
			* ' '
5 ( ).1	RARUMETER	** -3	MILLIBAR
Ĉ	CENTIGRADE (CELSIUS)	45.2	METERS PER A
JF 3	DEGREE	45L	MOAN SEA LEG
0.3	DRY BULB TEMPERATURE	MEAS	MEASURACLE
	DEA POINT TEMPERATURE	113.	が行か品とう
5.2	EQUAL	335	BISERVATION
*	FAHRENHEIT	7337	DESTRUCTION
EXZS	FREEZING	, e JF	PERCENT USO
⊊ <b>Ţ</b>	FEET	o≾∈CIo	PRECIPITAL
GΞ	GREATER THAN DR EQUAL TO	\$1)	STANDARD IFY
S 11	GREENWICH MEAN TIME	2.30	SUMMARY WE
ĢŤ	GREATER THAN	₹त्रभः	TEMPERATURE
49	INCHES OF MERCURY	TSIM	▼HU435RST0-
HI	HEIGHT	V 33 Y	VISIBILITY
KIS	KNOTS	VSV	NEISIN
LE	LESS THAN OR EQUAL TO	MВ	WET BULS TE
LST	LOCAL STANDARD TIME	$N \otimes V \otimes A$	ANS FORM IN
		UTC	CETANIGHEDS*

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PA

<sup>\*</sup> UTC REPLACED SMT ON I AUGUST 1983

#### TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER

N: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE RNED ABOUT ITS APITHMETIC MEAN. THE LARGER THE STANDARD GREATER THE VARIABLETTY.

ALL THESTA THE SOLS ARE EXPRESSION IN LOCAL SHAIL UNABLAND AND STREET AREAS. SHOULD WARE ADJUDY STREET AREAS. THE SAIN STREET AREAS. THE DATA IS STREET AVERTIONS THE COLOR OF THE COLOR OF

0-0200	1200-1400
2-3533	1523-1700
2-0302	1300-2010
0-1100	2100-2300

MART TIME PERIODS. THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE ENTRACES IN DESERVATION CODETS.

```
LESS THAN
                                 LT
                                           METER
                                 4 .1
                                            MILLIBAR
                                            METERS PER SECONO
                                 405
(CELSIUS)
                                 4SL
                                            MEAN SEA LEVEL
THRERATURE
                                 MEAS
                                            MEASURABLE
                                 113.
TEMPERATURE
                                            भूतुष्रधन्त्र
                                 335
                                            DISFRVATION
                                 7351
                                           DISTRUCTION
                                PJF
                                            PERCENT DOCURRENCE FREQUENCY
                                 DSECTO
                                            PRECIPITATION
TAN UP EQUAL TO
                                 3.)
                                            STANDARD DEVIATION
MEAN TIME
                                            SUMMARY OF DAY
                                 5 17
143
                                            TEMPERATURE
                                 1:47
                                            THU1175RSTD24
                                 1514
MERCURY
                                            VISIBILITY
                                 V 33 Y
                                 VS1
                                            VISION
                                 43
OR EQUAL TO
                                            WET BULB TEMPERATURE
                                            AdS FMRM 10/10A
                                 NEAR
MARE TIME
                                UTC
                                           *COUNDINATED UNIVERSAL TIME
```

: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

14 1 AUGUST 1933

STATION AD. LATITUDE LUMBITUDE
DN SUMMARY
747540 FAGLAND AFB, ALEXANDRIA, LA N 31 20 A 092 33

STATION EDGATION AND INSTRUMENTATION HIS

									-	,
				<b>A</b>	Ţ	L				
L	95.4	NAM B MBITADOL JADIHGAPS	1 <u>+</u> \$	ſ			1	L	5 T I I	(,) )
1	Α	F . LA	AAF	<u> </u>	43	'	45	· N	31	1 /
2	4	AFB, LA	AFB	A	52	4	55	S		
3	3	LA LA	AFB	🛕 .	55	F	51	S		
4	5		AFB	M	59	W	61	S		
5	ۮ		AFB	J	<b>61</b>	J	52	5		
5	3		4F3	A	52	S	55	S		
7	S		AF3	J	56	Ó	73	3		
ì	5		AFB	J	7.1	114	7.2	5		
3	S	and the second second	AFS	JUL	72	J	74	.1	31	20
10	ς		ΔFR	.1	74	Ĵ	24	ς		

*1	7.		SURFACE	WIND EQUIPMENT I	AEUSWYIIJM	
L			LTCATIO	lh:	TYPE DE TRANSMITTER	KECOKOEK Kecokoek
. 1	S	4.3		<u> B.</u>	A	NZA
8	J	44	5		\$	4/4
3	Ä	52	Α		SCM-20	AVA
4	3.5	57	2550 %		A4/644-11	R 7-2
5	21	52	525'SA. 1400'	14	S	S
5	S	54	1.5		S	5
			_ 2.525!Sa.1000!		. <b>š</b>	
7	F	<b>7</b> 5	1.5		ANZGM2-20	२ <b>೧−3</b> 52
			2.5		S	
₽,	J	3.3	1.5		S	S
			2.5		<u>ن</u>	

. . .

		<b>N</b>	31 20	i 	1 292 33	89	KAEX	747	54
LUC	ATION.	CKA	INSTR	UMENI	CTZIH MCITA	RY			
	A	T					ΕΔ	MSL	2\$S
	F			1	LATITUDE	LONGITUDE	FLD (FT)	BARD (FT)	DAY
	2	43	N	45	ห 31 19	и 092-32	3 <b>7</b>	90	24
: •	Α <b>Δ</b>	52 55	 	55 5 <u>3</u> .	\$ <b></b>	W 0 1 2 2 2	36 S	89 S	24 24
	м	59	M	61	S	S	99	S	24
3	J	51	J	52	\$	\$	S	135	24
	Д	52	5	55	S	S	S	137	24
	J	56	Ð	73	\$	2	S	89	24
	J	71	JJN	72	5	S	89	5	24
	JUL	7.2	.4	74	31_23		<u> </u>	<del></del>	_17
3	J	74	J	83	S	S	S	S	24

				· REMARKS.	ADDITIONAL	EQUIP-	
	TYPE DE	TYPE OF	HT AROVE	MENT, DR	REASON FOR	CHANGE	
	TRANSMITTER	RECORDER	GROUND				
	A	N/A _	54				
	\$	AVA	38				
	SCM-20	NZA	64				
	AN/64Q-11	R 3~2	13				
14	S	S	15				
	S	S	S				
32	S		<u> </u>				
	AN/GMQ-20	RO-362	5				
	S		\$				
	S	S	14				
	ءٛ		17				

σορροροσ	444	AAA	स्वस्थर	२२२	TITITITI
वस्पत्रद्द्	ΔΔΔΔ	ΔΔΔΔ	RRRRR	RRR	TITITITIT
gq cq	AA	AA	RR	६२	7.7
bb bb	ΔΔ	AA .	ĸĸ	RR.	TT
ودوووووو	44	44	२२२२२	<b>222</b> 2	11
იენენება		AAAAA	KRKRR	RRR	11
<b>3</b> 2	4444	44444	38	₹₹	TT
ခုခု	AA	AA	RR	RR	TT
<b>5</b> 5	AA	AA	हर	सूत्र	TT
စ္စ	AA .	AA	RR	RR	TT

.A = 1 ..= 1

AAAAAAA								
AAAAAA								
CARTER		<del></del> .			<b>.</b>			
२२ २२२ ११       ААЛААА         RRRRRRRR 111111111       ААЛААА         RR 23 11       AA         RR 24 11       AA         २२ २२ 11       AA         १८ १२ 11       AAAAAAAAA         १२ १२ 11       AAAAAAAAAA         १२ १२ 11       AAAAAAAAA         १२ १२ 11       AA         १० १२ 12       AA         १० १२ 12 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
२२ २२२ ११       ААЛААА         RRRRRRRR       1111111111       AAAAAAA         RR       22       11       AA       AA         RR       23       11       AA       AA         RRRRRRRR       11       AAAAAAAAAA       AA       AA         RR       RR       11       AAAAAAAAAA       AA       AA         RR       RR       11       AA								
RRRRRRRR       IIIIIIIIIII       AAAAAAAA         RR       RR       II       AA       AA         RR       RR       RI       AA       AA         RR       RR       II       AAAAAAAAAA       RA       AA       AA<			in the transfer of the transf		<u>-</u>	- • •	-	
X2X2X2X       IIIIIIIIIII       AAAAAAA         RR RRRRRRRR       III       AA       AA         RR RRRRRRR       II       AAAAAAAAAA       AA         X2XXXXXX       III       AAAAAAAAAA       AA         RR RR       III       AA       AA         AR       RR       III       AA       AA         AR       RR       AA       AA       AA								
X2X2X2X       IIIIIIIIIII       AAAAAAA         RR RRRRRRRR       III       AA       AA         RR RRRRRRR       II       AAAAAAAAAA       AA         X2XXXXXX       III       AAAAAAAAAA       AA         RR RR       III       AA       AA         AR       RR       III       AA       AA         AR       RR       AA       AA       AA		namenganan banyana iyi y	or an experience of the second	HEROTE THROUGH I SHOW THAT IS NOT THE REAL PROPERTY OF THE PERSON OF THE				
TRRERRER								
२२२२२२२       TITITITITI       AAAAAAA         RR RR RR RR TI       AA AA         RR RR RR TI       AA AA         RR RR RR TI       AAAAAAAAA         RR RR RR TI       AAAAAAAAAA         RR RR TI       AAAAAAAAAA         RR RR TI       AA AA         RR RR AA AA       AA         RR RR AA AA       AA         RR RR AA AA       AA								
२२२२२२२       TITITITITI       AAAAAAA         RR RR RR RR TI       AA AA         RR RR RR TI       AA AA         RR RR RR TI       AAAAAAAAA         RR RR RR TI       AAAAAAAAAA         RR RR TI       AAAAAAAAAA         RR RR TI       AA AA         RR RR AA AA       AA         RR RR AA AA       AA         RR RR AA AA       AA								
२२२२२२२       TITITITITI       AAAAAAA         RR RR RR RR TI       AA AA         RR RR RR TI       AA AA         RR RR RR TI       AAAAAAAAA         RR RR RR TI       AAAAAAAAAA         RR RR TI       AAAAAAAAAA         RR RR TI       AA AA         RR RR AA AA       AA         RR RR AA AA       AA         RR RR AA AA       AA								
२२२२२२       111111111       AAAAAAA         RR २२       11       AA       AA         RR २२       11       AA       AA         २२२२२२२२       11       AAAAAAAAA       AA         १२ २२       11       AAAAAAAAAA         १२ २२       11       AA       AA         १२       २२       11       AA       AA         १२       २२       11       AA       AA         १२       २२       11       AA       AA         १२       २२       11       AA       AA         १००००००००००००००००००००००००००००००००००००								
RRRRRRRR TITTITTT AAAAAAAA RR RR RR TT AA AA RR RR TT AA AA RRRRRRRRRR								
RRRRRRRR TITTITITT AAAAAAAAAAAAAAAAAAAAA		· · · · · · · · · · · · · · · · · · ·	TTTTTTTTT		ΔΔΔΙ	ΔΔ		
RR     RR     TT     AA     AA       RR     RR     TT     AAAAAAAAAA       RR     RR     TT     AAAAAAAAAAA       RR     RR     TT     AA     AA       RR     RR     TT     AA     AA       RR     RR     TT     AA     AA	RRRRRRR	रदर	TITITITIT		AAAA	LAAA		
RRRRRRR       II       AAAAAAAAAA         RR       RR       II       AAAAAAAAAA         RR       RR       III       AA       AA         RR       RR       III       AA       AA         RR       RR       III       AA       AA								
RR       RR       RR       TI       AA       AA         RR       RR       RR       TI       AA       AA         RR       RR       TI       AA       AA         RR       RR       TI       AA       AA	२२२२२२	१२२	TT		AΔ	4.4		
RR RR TT AA AA AA RR RR TT AA AA AA				new was a second				
RR RR II AA AA	RR	RR						
	XX	XX	<b>¥</b> 1		AA	4.4		
					and the state of t	e made i <del>dell' e paga</del> a l'i su e anno de l'i e l'i de l'in		
								****
			en and an analysis of the same					
							-	

#### PART A

#### ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADGES, AND HATE!

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GRUIND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING ORIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, I PELLETS, IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL DESERVATIONS REPORTING PRECIPITATION. SECAL, MARE THAN, ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION. THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGE. IN THIS CATEGORY.

FOG: INCLUDES\_ALL\_REPORTED FOG: ICE FOG: AND GROUND FOG:

SHOKE ANDZOR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SHOW, INCLUDING DRIETING SNOW, WHEN REPORT

BLOWING SPRAY: THE MALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY. IF AND AS REPORTED.

ALL DASTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF COSTRUCTION TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE COSTRUCTION TO VISION MAY ATTREPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA -- PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PARTICLES OF THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED)
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

	• •
PART A	
PHERIC PHENOMENA SUMMARIES	
IED ATMOSPHERIC PHENOMENA IN CATEGORIES AS EQULOWS:	
RTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.	
AIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.	
FREEZING RAIN OR FREEZING ORIZZLE (GLAZE)	
NOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE B, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.	
F HAIL.	
UDES ALL DESERVATIONS REPORTING PRECIPITATION. BECAUSE ESIPITATION MAY BE INCLUDED IN THE SAME DESERVATION. NOTHE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES.	
TED FOG. ICE FOG. AND GROUND FOG.	
E. HAZE. OR COMBINATIONS OF THE THO.	
IS DE BLOWING SNOW. INCLUDING DRIFTING SNOW. WHEN REPORTED.	
SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.	
DESTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING .	
ON: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS CURRENCE OF MORE IHAN ONE OBSTRUCTION TO VISION MAY BE ERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL E PERCENTAGES IN THE INDIVIDUAL	
T DOCURRENCE FREQUENCY. ROENT DOCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA EN FROM HOURLY OBSERVATIONS ONLY. AND IS SUMMARIZED AS	
NDARO TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).	
AND ALL HOURS COMBINED).	
AND ALL HOURS COMBINED).	

A - 1 - 2

1

1

`}

}

SPECIFIED PHENDMENA--PERCENT DCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY

DATA: DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSIGRMS=-PERCENT. OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON

THE HOURLY OBSERVATION.... DATALIS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION -- PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

- NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATE RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE DNLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1958, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST DROER. FOR EXAMPLE, IF THE RECORDED DESCRIVATION INCLUDED RAIN, FOR AND HAZE, DNLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES. THE USAFETAC DATABASE HOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.
- MATE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.
- MOTE 3: A VALUE DE ".O" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.
- NUTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTIMS AND/OR MEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

		· <del></del>
· · · · · · · · · · · · · · · · · · ·		
INT DECURRENCE FREQUENCY (POF).  ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY		
LED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.	· ——————	
SURRENCE FREQUENCY. SET THUNDERSTORMS REPORTED ON		
. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.		
ND DIRECTION PERCENT OCCURRENCE FREQUENCY.		
DOING CONTRACT CAR SAUGH ALL HOLD STATES CONTRACT OF THE SAUGH SAU		
RE AS SPECIFIED BY THE LOCAL MEATHER STATION.		. ==
CES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STAT		·
O/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOS- AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN		
PTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR		
DING ALL ATMUSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT ONLY.THE HIGHEST DRDER. FOR EXAMPLE, IF THE RECORDED DBS		
, FOG AND MAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION.		
TION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION)		
D SYNDPTIC STATIONS ARE HIGHLY QUESTIONABLE.		
PORTING STATIONS FREQUENTLY DO NOT TRANSMIT DESTRUCTIONS TO		
ES EXCEED 1000 METERS.		· · · · · · · · · · · · · · · · · · ·
IN ANY SUMMARY REPRESENTS ONE OR MORE UCCURRENCES THAT. IN		
ESS THAN .05 PERCENT.		
PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME		
NCES DE CERTAIN PHENOMENA.		
		40 m
	·····	
		a dia sat additional si
Λ - 1 - 3		

PERIJO D			4=8 L4			CITATE			
BAIWGJE NGAS	SMOKE SLV3 STAR	FNG	PRECIP	HAIL	FROZEN PRECIP	PRECIP	LIQUID PRECIP	TSTHS	HOURS (LST)
• • • • • • • • • •						.1.			90 <b>-</b> 02
	4.3	34.7	11.0		6	•3	10.0	•2	03-05
	7.5	451.	12.3		5	2	11.5	5	06 <b>-</b> 38
	17.5	35.9	12.4		1.0	• 2	11.2	• 3	39-11
	17.3	21.8	11.1		1.2		9.9 .	• 5	12-14
	13.1	17.1	3.4	· · · · · · · · · · · · · · · · · · ·	4		3.O	3	15-17
	11.0	12.1	8.7		•4		3 • 3	1.2	18-20
	6.1	19.7	10.3		.3		10.4	1.1	21-23
		27.7	10.5		•5	.1	9.0		
MONTH: C									
• • • • • • • • •			12.0			. 4		2.0	00-02
	5.2	40.8	12.5		• 5	• 2	11.9	1.3	03-95
	3.7	49.9	14.0		.4		13.7	2.5	06-08
	23.4	35.5	11.5		•6	. 1	10.8	1.1	09-11
	20.3	20.5	10.7		• 4		10.4	• 5	12-14
	20.4	16.8	12.5	~	•6		12.2	1.6	15-17
	15.1	17.0	12.8		***************************************		12.3	2.5	18-20
	9∙8	23.0	12.8			• 2	12.6	2 • 7	21-23
									ALL
	13.5	29.6	12.4		• 3	. 1	12.0	1.8	HOURS

## PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY DBSERVATIONS

CF + 6	A=B LA			PERIOD MONTH:		): NOV	73 - OCT 63
OZEN HAIL ECIP	ALL PRECIP	FNG	SMOKE PUNS STAR	BLDWING WCMS	PD\3 CMA2	ALL JBST IU VSN	TOTAL NO. JF OBS
.6							<b></b>
•6	11.9	34.7	4.3			50.0	
.5	12.3	45.1	7.5			_55.0	933
.3	12.4	35.9	17.5			66.B.	930
• 2	11.1	21.8	17.3			50.2	930
•4	3.4	17.0	13.1			43.4	930
. 4	8.7	18.1	11.0			37.7	930
•3	10.3	19.7	6.1			36.5	
• 5	10.5						7440
				:нтисм	FEB		
* * * * <del>* * * * * * * * * * * * * * * </del>	12.0			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	) . <del>4 4 4 4 4 4 4 4</del>	50.4	349
• 5	12.5	40.8	5.2			58.5	349
. 4	14.0	49.9	3.7			72.7	949
• 6	11.5	35.5	23.4		er e er	71.5	349
• 4	10.7	20.5	20.3			51.5	849
•6	12.8	16.3	20.4		-	50.1	849
t er græner har ar ar ar de seel de	12.8	17.0	15.1			44.9	349
	12.8	23.0	8.8			44.5	249
. 3	12.4	29.6	13.5			55.5	6792

A - 2 -

SPERATING LOCATION "A" PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS USAFFTAC, ASHEVILLE NO FROM HOURLY CASSERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND ARE LA J[31] LST TO UTC: + 6 MOUTH: HOURS FREEZ FROZEN HAIL ALL FOG SM JKE CIUUID BLOWIE PRECIP PRECIP PRECIP 5/32 J47, HAZE 00-02 1.3 5.5 5.5 19.0 2.7 03-05 .9....8.0 3.1 30.1 3.0 05-03 1.6 10.5 10.6 43.7 10.3 29-11 1.9 8.8 21.5 17.8 12-14 1.7 3.9 3.9 9.0 15.5 15-17 .5 7.8 7.5 7.47 14.3 12-22 1. 7.5 7.5 7.5 10.0 5.9 21-23 1.4 5.9 9.9 5.5 ALL HOURS M 25 T 5 E c. 1 00-02 2.0 7.4 7.4 21.4 03-05 1.8 6.7 6.7 33.1 5.4 05-08 5.0 43.1 13.9 1.4 6.0 09-11 4.7 4.7 14.3 19.0 . 1 7.7 12-14 2.6 7.7 5.7 14.5 12.9 15-17 1.5 7.4 7.4 6.1 7.7 18-20 1.3 7.0 7.0 12.1 21-23 1.9 6.9 6.9 12.1 7.1 HOURS 1.7 13.1

### CENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOUREY OBSERVATIONS

: ENGLAND + 6				MONTH: :	1AR		's - DCT 86
N HAIL	ALL PRECTP	FDG	SMOKE &ZOR HAZE	BLOWING SMOW	I 2UC RUNA LUNAZ	ALL DEST IJ VSN	₹U •CM 2.EQ
• • • • • • • •			2.7	•••••	• • • • • • •	27.2	930
	3.1	30.1	3.0			41.2	930
e Marie e	10.6	43.7	10.3			54.6	930
	8.3	21.5	17.B			42.2	930
	3.9	9.0	15.5			33.5	930
	. 7.E.	. 2. 2	14.3			. 29. 5	930
	<b>7</b> • 5	7.5	10.0			25.2	930
	5.9	9.9	5.5			21.3	930
	. ~··		-				
	7.9	15.5	3.3			36.3	7440
				MONTH: (			
			5.1			34.0	900
	6.7	33.1	5.4			45.2	900
	5.0	43.1	13.9			63.0	900
	4.7	14.3	19.0		=	37.0	300
	7.7	5.7	14.5		.1	29.0	900
	7.4	6.1	12.9		• 3	26.7	900
· <del></del> · ·	7.0	7.7	12.1		• 3	27.1	900
	6.9	12.1	7.1		• 2	26.3	900
	5.7	13.1	11.1		• 1	36.9	7200

DPERATING LOCATION "A" PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS USABETAC. ASHEVILLE MC. FROM HOURLY MASERVATIONS STATION NAME: ENGLAND AFB LA STATION NUMBER: 747540 DEST 1. MONTH: LST TO UTC: + 6 LIQUIO FREEZ FROZEN HAIL PRECIP HOURS TSTAS CIDCIL ALL FOG SMOKE BLOWI 45 3/ 1≎ **HKECID** (LST) 5434 324h 25.7 00-02 ₹.5 3.3 10.2 03-05 2.3 4.9 4.9 49.7 10.6 JK-J3 1.5 5.7 5.7 55.4 25.3 1.7 03-11 د و 3.9 11.2 21.3 12-14 4.4 4.7 4.7 4.5 15.4 15-17 5.3 5 a 3 5.3 4.5 13.5 10-20 4.2 5.3 5.9 5.5 15.7 21-23 3.0 5.2 5.2 10.3 10.9 ALL 10uss 3.2 20.0 17.2 4151 20-00 • 7 2.1 2.1 22.3 9.7 3.9 03-35 . 4 3.3 55.0 14.2 05-08 57.3 • 3 4.1 33.3 4.1 09-11 29.9 2.1 5.0 5.0 a • 2 12-14 5.3 19.9 5.0 5.6 1.4 7.1 6.9 15-17 5.9 22.2 1.8 13-20 5.2 5.2 5.2 1.7 19.2 21-23 1.5 2.7 14.0 2.7 3.7 ALL. HOURS

## ENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

INGLA 49	483 L1			PERIDO: MONTH:	4 A Y		3 - OCT 88
	54EC13	FUG	SMUKE 47 18 HAZZ	PCNS SNIMOJE	TZUO SCN3 GRAZ	ALE DAST ID VSN .	7777 713• 13• 724
	3.3		10.2	• • • • • • • • •	• • • • • • •	39.7	
	4.9	49.7	10.5			55.3	930
	5.7	55.4	25.3			36.3	930
	3.9	11.2	21.3			42.4	930
	4.7	4.5	15.4		.1	27.7	930
	5.3	4.5	13.5			29.5	930
	5.9	5.5	15.7		• i	29.2	930
	5.2	10.3	10.9			25.5	930
			17.2		• ၁	43.4	7440
				. :HIVCH			
	2.1		9.7		• • • • • • •	34.1	300
	3.9	55.0	14.2			73.0	900
	4.1	57.3	33.3			95.2	900
	5.0	₹•2	29.0			42.2	900
	5.6	1.4	19.9		.1	27.0	900
	5.9	1.8	22.2			30.9	900
	5 + 2	1.7	19.2			26.1	900
	2.7	3 • 7	14.0			25.3	900
	4.4	19.6	20.2			44.2	7200

			AFB LA	ENGLAND	V VA.1F:	STATIO	74754)	*1 IM'3+ 2:	PETTATE
				Ġ.	ntc: +	F21 10			
	SMUKE BZ JR	FOS	ALL PRECIP	HAIL	<b>PRECIP</b> FROZEN	PRECIP	PRESIP	SMISI	HOURS (LST)
	15.3			• • • • • • •	• • • • • • •	• • • • • • •	1.1	•3	
)	21.9	48.5	1.4				1.4	• 4	03-05
3	44.3	33.5	2.3.				2.3	<b>.</b>	06-08
i	35.1	3.3	2.0				2.2	1.2	33-11
)	29.5	• 5	5.5				5.5	5.5	12-14
ŧ	30.4	<b>.</b> S	5 <b>. 7</b> .				. 3.a.7 .	11.5.	15-17
3	25.3	3.3	7.3				7.3	ಆ.3	18-20
3	16.3	\$.2	2.9				2.9	1.5	21-23
	27.4		3.5				3.5	3.3	ALL HOURS
,			••••	••••		•••••		, <b></b>	
	23.8		1.9	<del></del>	***	• • • • • • •	1.9	,3	
7	25 <b>.7</b>	55 <b>.7</b>	2.2				2.2	. 4	03-05
7	41.7		2.8					• 5	0 <b>5-</b> 08
3	47.3	9.5	3.2		Appendix as the second as a se	,		• 5	09-11
3	41.3	8.5	4.3				4.3	5.9	12-14
>	40.2	3.1	8.1				∃• <b>1</b>	10.0	15-17
,	34.6	5.0	5.0				6.0	6.1	18=20
•	26.2	12.2	2.5				2.5	1.3	21-23
-	35.1	23.8	3.9	· · · · · · · · · · · · · · · · · · ·			3.9	3.2	ALL HOURS

l

1

. •

	IENA .	IC PHENOM	VARIDUS ATMOSPHER ONS	RS WITH BSERVATI			TAGE F
	'3 - OCT 89	7 עכע יט	PERIOD OF RECOR	-		A=8 L4	+GLAND
	TOTAL NO. OF	ALL JBST	TZUC DNIWOJE PC\3 WCWZ DNAZ	SMOKE &/ JR	FQG	PRECIS	HAIL
	930	35.4	• • • • • • • • • • • • • • • • • •	15.3		1.1	• • • • •
	930	71.8		21.9	48.5	1.4	
	330	100.3		44.3	53 <b>.</b> .5	2.3	
	930	43.4		35.1	5.3	2.0	
	930	35.5	•1.	29.5	• 5	5.5	
	930	37.3		324	. <b>.</b> .S		-
and the second	930	35.9		25.3	3.3	7.3	
	930	27.4		16.3	8.2	2.9	
	7443	48.5	.0	27.4	17.4	3.5	
			MONTH: AUG				
	930	57.4	* * * * * * * * * * * * * * * * * * * *		31.7	1.9	• • • • • •
<del>.</del>	930	83.5		25.7	55 <b>.7</b>	2.2	
	930	111.6		41.7	07.1	2.8	
	930	60.0	e samen e e e e e e e e e e e e e e e e e e	47.3	9.5	3.2	
• . • •	930	43.4		41.3	2 • 8	4.3	
	930	51.4		40.2	3.1	8.1	
a and and a superior of the community of	930	49.6	The second secon	34.6	8.0	5.0	
	930	41.0		26.2	12.2	2.6	
	7440	62.7		35.1	23.8	3.9	

• • • • • •

A - 2 - 4

	USAFETAC	NG LOCAT. C. ASHEVI			PERCI	ENTAGE F			RS WITH BSERVATI	
				LSI_IJ	UTC: +	6				PERIL MUNIH
	HOURS (LST)	ISTMS	> SECTS FIGNID	PREEZ	PROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE 8709 HAZE	BLOWIN ************************************
	00-02		2.3				2.8			• • • • • • •
	03=05	• 3	2.7			-	2.7	56.2	18.8	
	25-33		3.7					72.4.	31.7	·
	02-11	1.6	4.5			# ·	4.5	15.3	45.4	
	12-14	3.2	7.2				7.0	4.3	37.0	
	15-17	حـد	9.2				9.2	4.4	32.9	
	13-20	3.1	7.6				7.6	3.2	25.4	
	21-23	1.7.	5.2				5.2	15.6	21.7	
		2.2	5 <b>.</b> 3				5.3	20.2	29.3	
										мачт :
186 - 1	•	1.4				<del>*************************************</del>	6.1		3.3	
	03-05	1.0	7.1	÷			7.1	55.3	7.5	
	o6 <b>-</b> 03	1.9	7.8			÷	7.8	65.6	14.2	
	09-11	1.5	7.0				7.0	27.6	31.3	
	12-14	1.5	5.8				5.3	10.1	24.4	
	15-17	3.3	6.8				<b>5.</b> 8	3.5	19.3	
	18-20	1 . 7	7.1		<u></u>		7.1	11.3	13.9	
	21-23	1.6	6.0			· · · · · · · · · · · · · · · · · · ·	6.0	21.3	8.7	
	ALL HOURS	1.3	6.7				6.7	29.8	16.0	

FR			RS WITH V BSERVATIO	ARIOUS ATMOSPHER VS	LIC PHENOME	ENA	
CV	AFB LA			PERIOD OF RECORMONIH: SEP			
L	ALL. PRECIP	EQQ.	SMUKE 8/UR	TRUG DRINGLE POVS NORR GRAR	ALL J3ST	NO. OF	
• • •	2.8						
	2.7	56.2	18.8		77.7	900	
	3.7	72.4	31.7		107.8	900	
	4.40.	15.8	45.4		56.3	900	The second of the second
	7.0	4.3	37.0		4.8 . 3.	900	
	9.2	4.4	32.9		45.5	900	
	7.6	3.2	25.4		41.2	900	
	5.2	15.6	21.7		42.4	90.0	
• • •			29.3		60.8	7200	
				MONTH: DCT			
<b>4. 4.</b> 4.	5.1	35.9	3.3	•••••••	53.3	930	
	7.1	55.3	7.5		69.9	930	en e
	<b>7.</b> g	55•6	14.2	*	87.6	930	
	7.0	27.6	31.3		65.9	930	
	5.3	10.1	24.4		40.3	930	
	5.8	8.5	19.8	· -	35.1	930	
	7.1	11.3	13.9	-	32.4	927	
	6.0	21.3	8.7		36.0	927	
	6.7	29.8	16.0		52.6	7434	

1 - 2 - 5

. - - -

-	USAFETAC				PERCENTAGE F			JRS WITH BSFRVATI	
				LSI IO	NAME: ENGLAND			passenger, and the court of the court	pr MF
	HOURS (LST)	TSTMS	PRECIS LIQUID	PRECIP		PRECIP	FOG	SMOKE &/JH HAZE	BLO S
					· · · · · · · · · · · · · · · · · · ·				• • • •
	03-05	1.3	<b>3.</b> 2			8.2	40.0	9.2	
	26-33		9.1			9.2	53.4	14.8.	
	29-11	• 5	7.3			7.3	30.2	23.6	
	12-14	1.2	9.9			9.9	13.9	21.8	
	15-17	_1.5	10.1	Name of the Association of the Control of the Contr		10.1	1.2.43.	. 13.6	
	18-20	1.45	9.3			9.3	15.7	13.1	
	. 21-23	1	. 8 <b>.</b> .6	<u>.</u>		. <b>8.6</b> .	19.6	10.0	
				0		8.8	25.6	15.4	
	•••••						, , , , , , , ,		ΜĘ
	00-02	1.0		.2	•1	8.7		2.9	
	03-05	. 9	9.2	A	•	9.2	31.2	2.9	
	96 <b>-</b> 98	1.1	10.3	• 2		11.0	44.9	6.9	
	09-11	• 5	11.1	. 3	• 2	11.6	33.4	18.5	
	12-14	• 9	11.6		• 5	12.2	17.7	15.3	
	15-17	1.2	12.7			12.7	15.4	14.0	
	13-20	1.2	11.9			11.9	17.0	5.8	
	21-23	1.0	10.1	• 2		10.3	18.4	3.2	
	ALL								
	HOURS	1.0	10.7	. 1	. 1	11.0	25 <b>.3</b>	9.1	

FRI			RS WITH BSERVATI		<u>АТМОЅРНЕRIC РНЕМ</u>	OMENA				
-	AFB LA			. MONTH:	OF RECORD: NOV					
•	ALL PRECIP	FOG	SMOKE . &ZOR	DMINGUE WGM 2	DUST ALL S/OR DBST SAND TO VSN		ITAL .	<del>-</del> -		
• • •					42.3				<u> </u>	
	3.2	40.0	9.2		57.4		900			·
	9.2	_ 53.4_	14.8		77.4		900			<del></del>
	7.3	30.2	23.6		56.1		9.00			
	9.9	13.9	21.8		45.5		9.0.0			
	10.1	12.3	13.6	en Paris in Springer a specimen of the Nation	41.0		300			
	9.3	15.7	13.1		33.1		.900			
	3.5	19.5	10.0		39.1		900.			
			15.4		5.0.3.					
				MDNTH:					<u>.</u>	
<b>4.4</b> .4	8.7	24.4	2.9		36.0		930			<del></del>
	9.2	31.2	2.9		43.3		930			·
	11.0	44.9	5.9		62.8		930			
	11.6	33.4	18.9	Photo Margin are a recolony relations	53.9		930			~ <del></del>
	12.2	17.7	18.3		48.2		930	-		
	12.7	15.4	14.0		42.0		930			
	11.9	17.0	5.8		34.7		930			
	10.3	18.4	3.2		31.9		930			
****	11.0	25.3	9.1		45.4	<u>-</u>	7440			

 			LST TO	UTC: +	6	AFB LA			PERITO HOURS:
 . HINCM.		PRECIP	PRECIP	PROZEN	HAIL	ALL	FGG	\$M⊒KE &ZЭ₹	BLDAING NCMS
						_ 10.6			• • • • • • •
<b>FE3</b>	1.3	.12.0		3		12.4.	29+6	13.5	
 MAR	1.4	7.9		0		7.9	13.6	3.9.	hours of the contract of the c
APR	1.7	5.7				6.7	13.1	11.1	
YAK	3.2	5 <sub>•</sub> 2.			-	5.2	20.9	17.2	
	_3.0	4.4	ng ching, daya pikanging bari, di Aksadri 1 (1), dar	parents of product 1 pm Madellane 1888		4.4	1.25	20.2	
JUL	3.3	3.5			**	3.6	17.4	27.4	
AUG .	3.2	3.9.			<del>-</del>	3.9	23.6	35.1	
 SEP	2.2	5.3				5.3	.25.2	23.3	
201	1.8	5.7	-	4 4 4		6.7	29.3	15.0	
VEN	. 1.3	2.3	• 0			8.3	26.6	15.4	
 DEC	1.0	10.7	-1			11.0	25.3.		
ANNUAL	2.1					7.2	23.6	17.9	

------

## TAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY DESERVATIONS

				HOURS:	4LL			
HAIL	PRECIP	F JG	SMOKE E/OR	SKINDJE.	TSUC PO\3	ALL JBST	NO. OF OBS	
•••••							7440	
	12.4	29.6	1.3.5			55.5	6792	
· · · · · · · · · · · · · · · · · · ·	7.9	19.6	3.9			36.3	7440	
	5.7	13.1	11.1			360.	7200	
	5.2	20.9	17.2		0	. 43.4	7440	
	4.4	17.5	20.2			44.2	7200	
	3.6	17.4	27.4		• O ,	4.8 . 5	7.4.4.0	· · ·
	3.9	23.8	35.1			62.47	7440	
and the second s	5.3	25.2	23.3	and approximately the section of the		60.8	7200	
	6.7	29.8	15.0			5.2 • 6	7434	
	3.3	25.6	.15.4			50.8.	7200	· · · · · · · · · · · · · · · · · · ·
	11.0	25.3	9.1			45.4	7440	
	7.2	23.6	17.9	-	• 0	48.7	87656	

			LST ID U				
HINCM		LIQUID	FREEZ	PRECIP	HAIL		FDC
JAN						47.0	
FEB	11.2	43.0		2.6	5_	43.7	52.
MAR	15.0	43.0		3	5	43.0	52.
APR	17.6	39.3			<b>.</b> 5	39.3	55.5
MAY	23.1	36.9			.7	36.9	62 <b>.</b> 9
JUN	23.4	35.2				36.2	54.45
JUL	4.2 • 1	45.5				45.5	59.5
AUG	357	41.4				41.4	59.7
SEP	23.5	37.3				37.3	70
DCI	2.9	27.47				27.7	53.5
NOV	9.•5	39.5	.1	3	1	38.5	54.5
DEC	9.2	41.7	7_	1.3		42.0	54.5
ΑΝΝΟΔΙ	. 10 2	 39.8	. 2		3	40.0	50 T

A - 3 - 1

#### FREQUENCY DE DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM SUMMARY OF DAY DATA

ENGL 5	AND AFB L				PERIOD OF MONTH: ALL	HOURS:	ALL		
EN [P		PRECIP	FDG	SMOKE &/JR		DUST FC\3	ALL. OBST	NO. OF	
.6									
• 5	<b>4.5</b>	43.7	52.7	34.3			68.3	1917	
• 3	5	43.0	52.1	35.0		and the second s	69.1	1116	
	•5	39.3	55.5	36.1			71.2	1936.	
	•7	36.9	62.9	46.4			7.7 • 2.	1147	
	1	36.2	54.5	46.5			79.5	1109	
	•2	45.5	59.6	48.3			81.3	1147	
		41.4	69.7	53.5			85.1	1146	
		37.3	70.5	57.2		and the state of t	30.1	1110	
	•1	27.7	5.3.5	52.3	-		74.1	_1147	
. 3	•1	38.5	54.8	43.9	· · ·		71.4	.1080	
. 3	TO THE RESIDENCE OF THE PARTY O	42.3	54.8	34.3			57.4	1115	
.3	• 2	40.0	59.7	44.2	• • • • • • • • • • • • •		74.8	13346	

STATION	NUMBERI	747547		NAME: E UIC: + 6	NGLAND A	F3 LA		<u> </u>	)
HOURS (LST)	JAN	FE8	MAR	APR	MAY	JUN	JUL	AUG	• •
00-03	. 4	2.0	1.3	2.0	2.6	.7	.3	• 3	• •
03-05	• 2	1.3	. 9	1.8	2.8	. 4	. 4	. 4	
06-03	• 5	2.5	1.5	1.4	1.3	• 3	• 5	• 5	
29-11	. 3	1.1	1.9	. 1	1.7	2.1	1.2	• 5	
12-14	• 5	• 5	1.7	2.6	4.4	5.3	5.5	5.9	
15-17	• 3	1.5	. 5	2.1	5.3	7.1	11.6	10.0	
18-20	1.2	2.5	1.8	1.3	4.2	6.2	3.3	5.1	
21-23	1.1	2.7	1.4	1.9	3.0	1.6	1.5	1.3	
ALL HOURS	5	1.3	1.4		3.2	3.0	3.8	3.2	
TOTAL OBS	7440	57 <del>3</del> 2	7440	7200	7440	7200	7440	744)	•

4 - 4 - 1

#### CENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS AROM HOURLY DISERVATIONS

					KE COKO•	424 12	- DCT 88		
MAY	MPF	JUL	AUG	SEP	oct	YCN	DEC	••••	
2.6	• 7	.3	• 3	.4	1.4	1.9	1.0	<b></b>	-
2.8	. 4	. 4	• 4	. 9	1.0	1.3	•9		
1.3	• 3	. 5	. 5	• 7	1.9	. 7	1.1		
1.7	2.1	1.2	• 5	1.6	1.6	• 5	.6	<del> </del>	
4.4	5.3	5.5	5.9	3.3	1.5	1.2	• 9		
5.3	7.1	11.6	10.0	5.5	3.3	1.8	1.2		
4.2	6.2	3.3	6.1	3.1	1.7	1.5	1.2		
3.0	1.6	1.5	1.3	1.7	1.6	1.1	1.0		
3.2	3.0.	3.9	3.2	2.2	1.3	1.3	_ 1.0		
7440	7200	7440	7440	7200	7434	7200	7440		

STATEDN NUMBER	747541	STATION NA		FR LA		PIRITO NO AUNTH: U
PHENOMENA						
ISIMS			9-1	11.4	45.5	22.
PRECIP PRECIP	12.5		34.4	24.2	15.2	4 • .∜
PREFZING DESCIP			37.5	12.5	50.0	Ì
ESOTEM	1.8		75.4	14.5		
eng.	25.7		26.6	14.5	19.1	: .
FOG WITH VIS SE 1/2 MILES	25.0		27.9	14.9	1 7.1	·, •
TOTAL OBS	1827	0	F081	1032	1105	5 -
and the second s			· · · · · · · · · · · · · · · · · · ·			(3414: 3
TSTMS	3.3	• • • • • • • • • • •	11.6	23.1	35.5	1.3 N 1 T1 + 1
LIGUIO PRECIP	7.0		38.3	24.5	15.0	
FREEZING PRECIP			100.0			
FROZEN PRECIP	4.5		72.7	13.2		
FJG	20.7		25.3	15.9	13.0	.,
SE 1/2 MILES					17.2	
TOTAL OBS	1159	0	1519	1085	1203	7

AGE FREQUENCY OF OCCURRINCES OF ATMOSPHERIC PHENOMENA-EUS WIND DIRECTION FROM HOURLY DOSERVATIONS

	ORD: NOV 75 HOURS: ALL	ERIOD OF REC JAN	М		: ENGLAND A + 6
NO OF 035	250 - 329	130 - 249	120 - 179	031 - 119	330 - 030
					9.1
698	9.6	4.2	15.2	24.2	34.4
ń			50.0	12.5	37.5
55	7.3			14.5	75.4
		۴.9	1 - 1	19.5	25.5
1938	7.1	5.0	1 7 • 1	14.7	27.9
· · · · <del>-</del>					_
• • • • • • • •		• • • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • •
	HOURS: ALL	ONTH: FER	ч		
					11.6
705	8.8	5.4	15.0	24.5	39.3
8					100.0
22	4.5			13.2	72.7
2007	10.4	9.3	13.0	16.9	25.3
1913	9.3		17.3	17.3	26.2
	1021	905	1203	1085	1519
	NO OF DUS  44  698  55  2054  1938  7440  121  705  8  22  2007  1913	######################################	3NTH: JAN HOURS: ALL  130 - 249 250 - 329 NO OF OJS  22.7 11.4 4.7 44.7  4.2 8.6 698  7.3 55  6.9 7.3 2J54  6.0 7.1 1938  590 1077 7440  3NTH: FFR HOURS: ALL  14.0 12.4 121  5.4 8.8 705  8  4.5 22  9.3 10.4 2007  5.6 9.3 1913	PERIOD OF RECORD: NOV 75 - UCT 68 MUNTH: JAN HOURS: ALL  120 - 179	FA LA PERIOD DE RECORD: MOV 75 - JCT 88 MOVITH: JAN HOURS: ALL  031 - 119 120 - 179 130 - 249 250 - 329 NO OF GUS  11.4

		STATION NAME:	t .6.		
PHENOMENA .	CALM	VARIABLE	330 - 030	031 - 119	120 - 1
ISIUS			23.5	15.0	17.0
LIQUID PRECIP	<u>4.2</u>		22.0	24.0	24.4
ERECIP PRECIP					
escolb Esoren			100.0		
	24.2			15.0	
FOG WITH VIS GE 1/2 MILES	23.0		11.3	15.0	23.4
TOTAL OBS	1352	0	1060	944	1678
	5.0		18.5	21.3	23.5
LIDUIO PRECIP	11.5		18.3		25.2
FREEZING PRECIP					
FROZEN PRECIP	************			y andre an executive and a second and a second and a	
FOG	31.2.		8.7	12.2	24.3
FOG WITH VIS	30.3		8.9	12.5	24.2
GE 1/2 MILES					

	OF DOCURRENC CTION FROM H		PHERIC PHENOM NTIONS	ENA		
ISLAND A	FB LA		RIDD OF RECD		- JCT 88	
- 330			180 - 249			
23.5			17.0		105	
22.0	24.0.	24.4	13.3	113	495	
00.0		· · · · · · · · · · · · · · · · · · ·			2	
10.9	15.0	25.3		7.9	1373	en e
11.3	15.0	23.4	14.1	8.2	1324	
1060	944	1678	1300	1105	7439	
		<b>4</b> 0	INTH: APR H	DURS: ALL		
13.5	21.3	23.5		11.8	119	
18.3	2+.7	25.2	12.6	6.7	389	
	The second secon					
8.7	12.2	24.3	16.5	7.1	1290	
3.9	12.5	24.2	15.9	7.2	1246	
782	823	1404	1398	1111	7200	
		4.4.4 * 4 4 4 4 4 4				

the second of th

STATION NUMB		STATION NAME: + : STU LT TSL		F8 L4	
PHENOMENA		VARIABLE 3			
ISIMS				17-1	
LIQUID PRECIP			<b>9</b> .9	15+5	22.
FREEZING PRECIP				-	
FROZEN					
FOG	44.5		7.0	7.1	22.
FDG WITH VIS			7.0	7.2	22.
			• • • • • • • • •		• • • • • • •
CEC LATE	2121	Ο		830	144
TOTAL OBS	2121	Ο			144
	2121	Ο			144
TSTMS	2121	Ο			
TSTMS LIGUID PRECIP FREEZING	16.5	Ο	15.6	12.4	23.
TSTMS LIGUID PRECIP FREEZING PRECIP	16.5	Ο	15.6 9.8	12.4	23.
TSTMS LIGUID PRECIP FREEZING PRECIP FROZEN PRECIP	16.5	0	15.6	12.4	23.

and the second of the second o

A - 5 - 3

NGLAND A	FB L4		ERIOD OF REC		- OCT 88	
- 030	031 - 119		180 - 249			<u></u> <u></u>
			13.3			
3.9	45.5	22.5	15.9	10.3	213	
· • • • • • • • • • • • • • • • • •						
7.0	7.1	22.9	10.9	7.4	1548	
7.0	7.2	22.3	11.0	7.4	1523	
870	830	1449	1554	616	7440	
e de la		ч		HOURS: ALL	enter traggione d'est (s. e. ) de servicion de l'Anagament	
15.5	12.4	23.9	20.2	11.5	219	· · · · · · · · · · · · · · · · · ·
9.8	19.6	21.5	16.7	5.9	204	
				· · · · · · · · · · · · · · · · · · ·		
4.9	7.4.5	16.0	10.6	4.8	1401	
4.8	7.6	15.9	10.7	4.7	1392	
649	801	1236	1544	526	7200	
					1.4.4.4.4.4.4.4	

. . . . . . . . . . . . . . . .

A - 5 - 3

3) (			NAME: ENGLAND A	LST TO-U		
••	120 - 179		330 - 930			PHENOMENA
		14.5	12.7	• • • • • • • • • • • • • • • • • • • •		ISIMS
	24.3	18.4			19.1	LIQUID PRECIP
						FREEZING PRECIP
						EROZEN.
	8.4	7.5	6.2		56.9	FNG
	3.3	7.6	6.3			FOG WITH VIS GE 1/2 MILES
••	1105	745	499.		2875	TOTAL OBS
ч						
* •	18.2	15.3	16.5	4.4.4.4.4.4.4.4.4	11.9	TSTMS
•	25.9	31.9	12.0		15.7	LIQUID PRECIP
			<u>.</u>			FREEZING PRECIP
						FROZEN PRECIP
	13.4	, 7.2			63.6	EGG
			6.5			EDG WITH VIS GE 1/2 MILES
	1110	969	661	0	3160	TOTAL OBS

A - 5 - 4

and the second s

MONTH: AUG HOURS: ALL  5 15.3 18.2 21.6 16.5 236  0 31.9 25.9 9.6 4.8 166  5 7.2 13.4 5.1 4.3 1729  5 7.2 13.3 5.1 4.2 1713	DIRECTI		NCES OF AIMO HJURLY OBSER		IOMENA		
030 031 - 119 120 - 179 180 - 249 250 - 329 NO DF D8S 7 14.5 22.3 25.1 14.8 283 2 18.4 24.3 23.0 5.9 152 2 7.5 8.4 5.5 5.4 1270 3 7.5 8.3 5.5 5.4 1258 9 745 1105 1364 951 7440  MONTH: AUG HOURS: ALL 5 15.3 19.2 21.6 16.5 236 0 31.9 25.9 9.6 4.8 166							
7. 14.5 22.3 25.1 14.8 283 2 18.4 24.3 23.0 5.9 152  2 7.6 8.4 5.5 5.4 1270 3 7.5 8.3 5.5 5.4 1258  9 745 1105 1364 851 7440  MONTH: AUG HOURS: ALL  5 15.3 1A.2 21.6 16.5 236 0 31.9 25.9 9.6 4.8 166  5 7.2 13.4 5.1 4.3 1729 5 7.2 13.3 5.1 4.2 1713		· · · · · · · · · · ·					
2 7.5 8.4 5.5 5.4 1270 3 7.5 8.3 5.5 5.4 1258 9 745 1105 1364 851 7440  MONTH: AUG HOURS: ALL 5 15.3 18.2 21.6 16.5 236 9 31.9 25.9 9.6 4.8 166	7	14.5	22.3	25.1	14.8	283	
7.6 8.4 5.5 5.4 1270 3 7.5 8.3 5.5 5.4 1258 3 7.5 1105 1364 851 7440  MONTH: AUG HOURS: ALL 5 15.3 18.2 21.6 16.5 236 31.9 25.9 9.6 4.8 166	2	18.4	24.3	23.0	<u>_</u> 5.• 9 .	152	
2 7.6 3.4 5.5 5.4 1270 3 7.6 3.3 5.5 5.4 1258 9 745 1105 1364 351 7440  MONTH: AUG HOURS: ALL 5 15.3 18.2 21.6 16.5 236 9 31.9 25.9 9.6 4.8 166							
7.5 8.3 5.5 5.4 1258  MONTH: AUG HOURS: ALL  15.3 18.2 21.6 16.5 236  31.9 25.9 9.6 4.8 166  7.2 13.4 5.1 4.3 1729  7.2 13.3 5.1 4.2 1713							
MONTH: AUG HOURS: ALL  15.3 18.2 21.6 16.5 236  15.3 18.9 25.9 9.6 4.8 166  5 7.2 13.4 5.1 4.3 1729  5 7.2 13.3 5.1 4.2 1713	?	7.5	8.4	5.5	5.4	1270	
MONTH: AUG HOURS: ALL  15.3 18.2 21.6 16.5 236  31.9 25.9 9.6 4.8 166  5 7.2 13.4 .5.1 4.3 1729  5 7.2 13.3 5.1 4.2 1713	3	7.5	ಕ.3				
MONTH: AUG HOURS: ALL  5	• • • • • • • • • • • • • • • • • • •			1364	851	•••••	
7.2     13.4     5.1     4.3     1729       5     7.2     13.3     5.1     4.2     1713       1     969     1110     888     752     7440	• • • • • •						
5 7.2 13.4 5.1 4.3 1729 5 7.2 13.3 5.1 4.2 1713 1 869 1110 888 752 7440	5 			21.6	16.5		
7.2 13.3 5.1 4.2 1713 1 969 1110 888 752 7440	)	31.9	25.9	9.6	4.8	166	
5 7.2 13.3 5.1 4.2 1713 1 969 1110 888 752 7440							
1 969 1110 888 <b>752 744</b> 0	ö	7.2	13.4		4.3	1729	
1 969 1110 888 752 7440		1.2	13.3	5.1	4.2	1713	
	l	969	1110	888	752	7440	

USAFFTAC, ASHEVILLE NO		VERSUS WIND DIRECTION FROM HOURLY 038			
STATION NUMBER					
PHENOMENA	CALM		330 - 030	031 - 119	
ISTMS					23.0
PRECIP	23.5		15.3	26.0	15.3
FREEZING PRECIP					<u></u>
PRECIP					
F26	50.5		13.2	11.1	15.4
FIG WITH VIS GE 1/2 MILES			13.5	11.2	16.0
TOTAL OBS	2660	0	1300	1165	1073
TSTMS	12.2		25.2	12.2	22.1
TSTMS LIQUID PRECIP	•				
LIQUID PRECIP	12.2		40.1	12.2	22.1
LIQUID PRECIP  EREEZING PRECIP  FROZEN	9.5		40.1	12.2	22.1
LIQUID PRECIP  EREEZING PRECIP  FROZEN PRECIP	9.5		40.1	20.4	22.1
LIQUID PRECIP  EREEZING PRECIP  FROZEN PRECIP  FOG  FOG  EDG WITH VIS GE 1/2 MILES	12.2 9.5 42.0 41.5		25.2 40.1 15.0	20.4	22.0

€

			ORD: NOV 78	- OCT 88	
119					
			• • • • • • • • • • •		
5.0	. 15.3	8.2	11.7	231	
			and the state of t		
	والمراجعة المحافظة ال				
1.1	15.4	3.8	4.7	1960	
1.2	16.0			1827	
166	1073		392	7200	
• • • • •	• • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •		·
	<b>.</b>	ONTH: OCT	HOURS: ALL		
2 • 2	22.1	13.0	15.3	131	
),4	17.5	3.5	9.0	401	
•					
			or construction of the second		
1.5	22.0	3.8	5.7	2200	
L.6	21.9	3.9	5.7	2136	
44	1388	621	545	7434	

)

)

)

)

	USAFETAC, ASHEVILLE NO		PERCENTAGE PREQUENCY OF OCCURRENCES OF A VERSUS WIND DIRECTION FROM HOURLY OB-					
	STATION NUMBER:		STATION NAME: LST TO UTC: +					
		_	VARIABLE 3		=	120 - 179		
·		9.9			22.0			
	LIQUID PRECIP	12.2		24.9	21.9	15.0		
, , , , ,	FREEZING PRECIP			100.0				
	PRECIP							
***	FJG	32.2		16.3	12.1	25.1		
	FOG WITH VIS	30.6		17.2	12.2	25.3		
	TOTAL DBS	2002		1401	852	1444		
	TSTMS	5.5		13.9	16.7	27.8		
	LIQUID PRECIP	9.9		29.5	22.7	19.5		
	PRECIP	***************************************		44.4	33.3			
	FROZEN PRECIP			71.4	14.3			
	FOG	23.7.		21.3	12 • 1	27.3		
	GE 1/2 MILES	21.8		22.4	12.7	27.0		
	TOTAL OBS	1753	0	1594	999	1534		

• • • • • • • • • • • •

. . .

. . .

· Company of the company of the control of the cont

: ENGLAND AFE			RIOD OF REC	ORD: NOV 73 HOURS: ALL	- OCT 88	
330 - 030 - 0	31119.		180 - 249	250 - 329	.NOOF. OBS	
18.7				16.5		
24+8	21.49	16.0	9.4	15.6	556	
100.0					1	
		<del></del>				
16.3	12.1	25.1	5.9	8.4	1384	
17.2	12.2	25.3	6.2	8.6		
1401	852	1444	<u> </u>	349	7200	
			ONTH: DEC	HOURS: ALL		
13.9	16.7		19.4	16.7	72	
29.5	22.7	19.6	5.4	12.9	736	
44.4	33.3			22.2	9	
71.4	14.3			14.3	7	
21.3	12.1	273.	5.4	10.2	1871	
22.4	12.7	27.0	5.6	10.4	1759	
1594	998	1534	676	385	7440	
				******		

1 - 5 - 6

PERISO MANTHS		1=8 L4	C: + 6	LST_TO_UT		STATION NUMBE
130	120 - 179	031 - 119				PHENOMENA
1	24.1		15.3	<b></b>	· · · · · · · · · · · ·	ISIMS
	19.4	23.1	26.5		12.2	LIQUID PRECIP
	15.4	15.4	61.5			FREEZING PRECIP
		15.1	75.6	÷	2.3	FROZEN : PRECIP
	20.2	11.5	14.5		39.3	FOG
	23.1	11.5	14.9			FOG WITH VIS GF 1/2 MILES
12	15730	11090		0		TOTAL OBS
• • • • • •	=			•••••••		

and the second of the second o

CY	JF	.70	CCURRE	NCES	IJΕ	ATMOSPHERIC	PHENOMENA
₹= {	TIC	11	हराप	HOURI	Y	DASERVATIONS	

				ERIDD OF 4 ONTHS: ALL		AFB LA
	OF OBS	29 N	250 -		120 - 179	031 - 119
·					24.1	
	4996		10.	3.5	17.4	23.1
	26		7.		15.4	15.4
	36		7.			15.1
	20487		7.	7.5	20.2	11.5
	19811	ration of the Parameters of the S	7.	7.5	27.1	11.5
	87665		973	12001	15730	11090
······································			an parameter and the second and the	in Turning and the second desirable of the	Arriva — instituta filicia e Arriva (al calebrate)	and the second second second
				THEORY IS AN ADMINISTRATION OF THE STREET, AND ADMINISTRATION OF THE STREET, AND ADMINISTRATION OF THE STREET,	The second secon	

7

.... A - 5 = 7....

 aqqqq	PPF	ДАА	ΔΑΔ	RPRY	<b>२</b> २२	TTTTTTTTT
99999	9999	ΔΔΔΔ	ΔΑΑΑ	RRRR	RRRAR	TITITITIT
၁၁	ρþ	4.4	4.4	२२	ઝ્ર	ŤŤ
$\mathbf{p}_{\mathcal{D}}$	оp	AA	AA	RR	22	T!
papaa	वेवेदद	44	AΑ	ደጸደዋ	<b>ર</b> શસ્થ્	TT
 ಾಣ್ಯಾಕ	<u> </u>	AAAAA	AAAAA	3333	2333	I T
D 3		4444	AAAAA	₽₽	२५	<b>T</b> T
22		AA	AA	33	$\mathcal{A}_{\mathcal{A}}$	ŢΤ
22		AΑ	ΔΔ	<b>R</b> R	ર્સ	TT
ΒP		4 A.	AA	<b>K</b> 3	९२	ŢŢ

		Control of the second of the s
२२६२१२२	TTTTTTTT	83393838
XX8X859X2X	111111111	B <b>BBBBBBB</b> BB
२२ ७२	TT	38 88
22 22	ΙŢ	33 SB
<b>5583555</b> 5	ŢŢ	398 <u>99943</u> 23
રે રેન્ડ રેટરે રેડ	II.	3534358534
45 SK	ŢŢ	88 98
₹₹ 2.8	<u>र</u> र	33 53
ର୍ଜ ପୃତ୍	ŢŢ	6383368388
- ५३ - २⊀	ŦŤ	83833888

5 - 1 - 1

PRECIPITATION, SHOWFALL, SHOW DEPTH SUMMARI

ALL TABLES IN PART B ARE CREATED FROM SUMMARY DE DAY (SO

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT DCCURRENCE FREQUENCY OF SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH PERCENT OF DAYS WITH NO AMOUNTS. PERCENT OF DAYS WITH OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVICTIONS. A VALUE OF ".O" INDICATES ONE OR MORE OCCURRE AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABL AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANJAD DEVIAT DBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO OR MORE MISSING ANOVOR INCOMPLETE MONTHS. INCOMPLETE IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS AR MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR SMOJEALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS MONTH) FOR PRECIPITATION. SNOWEALL. AND SHOW DEPIH. RESERVED AND SHOULD FOR EACH MONTH AND THE TOTAL NUM ERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) I LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALS OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEAN ".0" HEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO

8 - 1 - 2

NCIT ALLA SALLA SA	
RE CREATED FROM SUMMARY DE DAY (SOD) DATA.	
QUENCY.  HE PERCENT DOCURRENCE FREQUENCY OF PRECIPITATION.	· · · · · · · · · · · · · · · · · · ·
EPTH. DATA IS SUMMARIZED FOR ALL YEARS INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS.	
H NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT	
TED AMBURTS. SUMMARIES ALSO PROVIDE AN OBSERVATION ".D" INDICATES ONE OR MORE OCCURRENCES THAT. IN AGGREGATE05 PERCENT.	
HE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY.	
BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST TYPES, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE	
STERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS A ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE FOR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED UTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE	
".00" MEANS NI PRECIPITATION FOR THE MONTH, ".0" MEANS NO NTH.	
HE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR- ATION, SNOWEALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW	
S FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBS- MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH TA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE	
ZOR INCOMPLETE MOTALE. ".00" MEARS NO PRECIPITATION FOR THE MOTH. ALL FOR THE MOTH. COME WERE COME OF THE MOTH.	
IRST AND LAST DAYS OF JCCURRENCE BY SNOW YEAR. THE FIRST AND LAST JCCURRENCES OF SNOWFALL AND SNOW YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE	
AR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN RMS 10/10A (OR EQUIVALENT) AS FITHER A TRACE OR A MEASURABLE	
FIRST (OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST) OTHER THAN ".O" OR MIRACE" DEFINES THE FIRST (OR LAST) - FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A	
INES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST DERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED CURS DURING THE GIVEN POR.	
	au
B - 1 - 2	

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY EXTREMES IS A TRACE, THE HORD "TRACE" WILL APPEAR I COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIV

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY.

AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, O

ERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIP

MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEAN

BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE L. GIVES THE GREENATEST THUCHA TESTAERS UP RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN

MATE 6. SNOW DEPTH REPORTING TIMES FOR USAF, MAYY AND

AIR FORCE NAVY AND NATIONAL

THROUGH 1945: 0800 LST THROUGH JUN 1952:

JAN 1946 TO MAY 1957: 1230 LST JUN 1952 TO MAY 19

JUN 1957 IO PRESENT: 1200 GMT JUN 1957 IO PRESENT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR FROM PART TIME PERIODS AND REFLECT TRUE 24-HOUR FREQUENTLY REPREDICT OF THE PROPERTY OF THE PROPERTY

#### CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

3 - 1 - 3

AMDUI (INC) NONE TRACE	HES)	747540 JAN 52.6		N NAME: D UTC: +0	ENGLAND 06APR		JUN		
(INC) NONE TRACE .01 .02	HES)	52.6		MAR	APR	MAY	JUN	1111	• • •
NONE TRACE .01 .02	•••••		54.0						-
.01	Ē		54.0	<del></del>	**************************************	<del></del> .		<del></del>	
.01	É			55.6	59.9	62.7	63.6	53.1	
.02-		14.7	14.7	14.8	13.6	10.1	10.6	12.3	
		2.2	1.8	1.4	1.4	1.2	1.1	1.5	
06=	.05	5.0	4.7	5.5	5,3	3.3	4.9	6.0	
• 00	.10	3.4	2.7	2.8	1.8	2.6	2.8	4.6	
.11-	. 25	5.5	5.0	4.8	4.8	4.7	4.2	6.9	
. 25	.50	5.6	4.4	4.8	4.7	4.5	4.6	6.2	
.51~1	1.00	5.2	5.4	5.2	3.5	4.3	4.3	5.0	
1.01	-2.50	4.0	5.5	4.2	4.0	4.7	3.3	4.1	
2.51-	-5.00	.7	. 9	• 9	1.0	1.3	. 4	. 4	***
5.01-	-10.00			.1			• 2		
10.01	1-20.00				• 1				
OVER	20.00	4.4.4.4.4.4.4.1							
	WITH AMTS	32.7	30.4	29.6	26.5	27.2	25.8	34.7	
03SER	L NO. OF RVATIONS							1208	

8 - 2 - 1

3	AFB LA				PERIOD OF			511,5204-8	810
••	MAY	JUN	JUL	AUG	SEP	nct		DEC	
••	52.7	63.6	53.1	58.1	62.0	72.2	61.6	57.2	59.5
	10.1	10.6	12.3	11.2	11.3	8.4	11.3	12.2	12.1
	1.2	1.1	1.5	2.1	2.0	. 7	1.3	1.4	1.5
	3.₃	4.9	6.0	5.2	3.6	3.1	3.2	3.9	4.6
	2.6	2.8	4.5	3.1	3.3	1.9	2.9	2.5	2.9
	4.7	4.2	6.9	5.5	5.7	3.1	4.6	5.9	5.1
	4.5	4.6	6.2	5.5	5.0	2.7	5.3	4.8	4.9
	4.3	4.3	5.0	4.6	3.9	3.8	4.0	5.5	4.6
	4.7	3.3	4.1	4.1	2.5	3.0	4.9	5.1	4.1
	1.3	. 4	. 4	• ?	• 5	1.1	• 9	1.3	. 3
		• 2		• 1	• 2	•1	• 1	•2	.1
						and the second second second			. 0
•	27.2	25.8	34.7	30.7	26.7	19.4	27.1	30.6	28.4
	1209	1170	1208	1209	1200	1239	1170	1177	14168
• •				• • • • • • •	•••••		• • • • • • •		• • • • • • •
	· · · - · · · ·						ana manana m		
							,		
				····	<del></del>				<del></del>
		8 - 2 -	1						

ı

UPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NO

TOTAL MONTHLY PRECIPITATION AMOUNTS
FROM SUMMARY OF DAY DATA

	STATION	NUMBER: 7475		AN NCITA			LA		
	YEAR		FFR	MAR.	APR	MAY	JUN	JUL	AUG
	43								
	44	5.55	3.27	4.09	4.11	8.27	• 99	2.63	3.13
	45	2.73	4.55	3.69	4.04	8.56	5.36	6.62	5.16
	52				3.75*	7.56		6.45	53
	53	2.15	6.95	6.72	13.22	17.22	3.81	4.19	1.05
	73 54	2•15 3•55	90	1.77	6.83	5.47	1.52	3.34	.73
	55	5.37	8.11	.40	8.45	3.68	1.31	10.47	7.31
	77	2.51	0 • 1 1	• 40	0.42	3.00	1.431	10.47	1.01
	56	3,53	7.59	4.74	1.69	1.51	2.30	2.22	2.30
*	5.7	2.05	3.43	2.77	4.51	2.94	10.22	3.20	. 42
	58	3.73	3.12	5,64	5.67	3.37	6.10	3.48	11.32
	59	4.05	5.29	2.83	7.49	4.78	1.90_	5.07_	2.00
	50	4.75	5.33	4.30	2.13	3.19	3.54	1.95	9.07
	51	8.78	6.05	15.55	1.97	7.01	3.00	6.32	6.99
	6.2	6.10		1.05	3.79	3.33.	5.00		4.56
	63	3.57	3.21	.61	1.12	5.02	1.19	7.34	1.06
	54	5.40	2.39	5.55	7.93	1.53	3.99	3.61	7.52
	55	3.32	7.72	5.82	1.02	2.03	3.25	1.28	1.94
	56	10.56	8.75	. 70	7.01	2.84	1.03	3.79	4.05
	57	1.35	3.31	2.17	7.77	3.21	2.35	7.52	1.21
		8.53	3.20	3.52	8.05	4.64	2.32	3.15	5.61
	63 69	1.19	5.20	5.85	5.01	7.19	<u> 3.14</u>	11.16	1.24
	70	2.24	3.40	3.33	2.81	6.00	.71	3.94	5.59
	· - · · · · · · · · · · · · · · · · · ·				- <u></u> <u>-</u>				
	71	1.36	5.15	3.24	.83	8.46	4.53	4.84	3.07
	12	3.54	2.13	5.53	1.53	3.82	2.33	7.420	1.41
	73	7.06	4.58	11.87	3.54	7.24	5.90	2.38	2.89
	74	13.03	2.77	3.32	4.11	8.17	1.73	1.93	4.15
	<b>7</b> 5	4,48	4.04	5.87	5.96	10.46	4.54	3.29	5.36
	76	2.54	1.68	9.73	1.82	8.85	11.79	9.90	6.15
	77	5.56	2.08	13.03	5.52	4.70	2.33	2.31	5.49
	78	7.95	3.52	1.64	.80	3.72	3.11	5.56	7.98
	79	10.27	10.06	4.82	7.25	4.18	4.13	10.55	5.43
	80	5.22	5,51	9.90	7.13	4.21	2.27	2.78	1.52

### MONTHLY PRECIPITATION AMOUNTS IN INCHES ROM SUMMARY OF DAY DATA

4FB	<u>. 4</u>						9-4511,52 LL	
,						•••••		
MAY	JUN							ANNUAL
	• • • • • • •	••••••	• • • • • • • •				3.86	12 664
2.7	. 99	2.63	3.13	4.65	.54	5.19	6.31	54.73
27	5.36							
, )()	3.30	0.02			0.0			
. 56	.79.	6.45	53	63	TRACE	5.35	5.74	30.80*
. 22	3.81	4.19	1.06	1.71	2.24	2.77	5.37	67.41
4.7	1.52		73	2.23	5.04	1.79	2.39	37.91
• 53	1.31	10.47	7.31	.73	3.49	2.51	2.77	55.15
.51	2.30	2.22	2.30	1.10	2.98	3.73	7.07	40.76
. 94	10.22	3.20		4.96		10.78	3.98	53.51
. 37	6.10	3.48	11.32	11.37	.27	3.87	1.32	59 <b>.7</b> 6
.7B	1.90	5.07	2.00	2.22	7.59	.74	6.59	51.65
• 19	3.54	1.95	<b>}.</b> 07	1.73	4.18	1.01	6.37	48.05
.01	3.00	6.32	5.99	2.39	2.12	8.71	7.51	81.90
. J3	5.00	3.9	4.56		1.40		3.87	40.08
• 22	1.19	7.34	1.06	1.65	• 11	4.05	4.74	33.68
. £ £	3.49	3.61	7.52	4.43	.44	7.27	7.79	5a.05
.03	3.25	1.28	1.94	6.95	•20	3.26	8.49	45.29
. 84	1.03	3.79	4.05	10.72	4.95	3.35	5.30	64.57
.21	2.35	.7.52	1.21	1.35	4.21		12.51	53.30
. 64	2.32	3.15	5.61	3.92	.84	10.48	5.13	59.39
.19	3.14	11.16	1.24	2.92	2.81	2.52	4.98	54,88
• 00	.71	3.94	5.59	2.91	11.04	2.79	3.00	47.76
. 45	4.53	4.84	3.07	9.29	4.12	3.91	12.13	50.93
• 52	2.33	7.20	1.41	-	10.43		8.37	51.14
. 24	5.90	2.38	2 • 89	7.16	4.63	5.35	5.39	73.59
• 1.7	1.73	1.93	4.15	3.61	1.48	4.99	8.53	57.82
. 45	4.54	3.29	5.36	3.18	10.58	3.63	3.31	54.70
95	11.79	9.90	6.15	1.70	2.67	3.47	5.00	65.31
<u>. 7</u> 0	2.33	2.81		3.85	5.57		3:30	
.72	3.11	5.66	7.98	1.77	•56	4.92	7.56	54.19
.18	4.13	10.55	5.43	10.00	4.78	5.61	6.02	84.10
.21	2.27	2.79	1.52	• 75	6.68	4.02	• 36	51.25

OPERATING LOCATION 'A' STRUCMA RELIGIOUS PARTICIONAL AND A STRUCTURE OF THE STRU USAFETAC, ASHEVILLE NO FROM SUMMARY OF DAY DATA STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA FEB MAR APR \_\_\_\_YAM\_\_\_JUN\_\_ JUL AUG 2.30 1.32 7.31 •54 82 2.12 3.54 5.94 7.30 4.25 4.34 5.23 5.26 3.91 -zi-3. 6.19 9.66 3.35 1.35 4.57 84 3.59 10.99 3.37 5.05 4.84 6.63 2.41 7.31 35.... 3.43 8.67 3.18 1.96 3.47 1.48 8.78 ... 5.09 1.48 3.59 3.56 7.33 1.15 5.11 37 4.37 10.07 5.01 .61 5.46 2.39 4.73 5.30 38... 2.19 4.55 9.54 2.30 1.59 1.14 4.52 5.53 1.19 .30 .40 .61 .54 .71 .37 .42 LEAST GREATEST 13.03 10.99 15.55 13.22 17.22 11.79 11.16 11.32 MEAN 4.83 5.02 5.13 4.61 5.49 3.93 4.54 4.45 3.89 4.61 4.43 4.31 4.78 3.25 3.84 4.34 2.789 2.735 TOTAL OBS 1178 1074 1178 1156 1209 1170 1203 THE GREATEST VALUE OF 17.65 DCCURRED ON 10/35 NOTE: \*THE VALUE IS BASED ON A MONTH HITH LESS THAN 90% OF THE

8 - 2 - 28

AND AFB							9-4511,5	204-9810	
			• • • • • • •		• • • • • •				
								ANNUAL	
5.37	4.32	2.90_	1.32_	2.19	5.40	3.16	3.45	40.10	
•54	7.30	4.25	4.34	5.32	4.83	12.00	13.69	71.73	
								57.24	
5.05	5.63	2.41	7.31	2.93	10.55	5.59	2.16	66.42 67.85	
3.47	1+48	8.75		- 4	11.00		3.00		
3.56	7.93	1.15	5.11	3.01	4.58	9.15	5.71	49.67	
							7.77		
1.59	1.14	4.52	5.53	355.	4.10			39.11*	
				and the second	- · · · · ·				
	}					The state of the s	The same of the sa		
	-								
							e en		
54	71	.33	42	.53	TRACE	.13	.35	33.68	
17.22	11.79	11.16	11.32	. 113.7	17.45	16.69	13.69	34.10	
5.49.	3.93	4.54	4.45	3.90	4.30	5.04	5.82	57.54	· · · · · · · · · · · · · · · · · ·
4.78	3.25	3.84	4.34	3.10	4.11	4.02	5.51	57.94	
								11.630	
1209	1170	1208	1209 .	1200	1239	11.70	1177	14168	

8 - 2 - 28

USAFETAC, ASHEVILLE NO

OPERATING LOCATION 'A' EXTREME DAILY PRECIPITATION AMOUNT FROM SUMMARY OF DAY DATA

	STATION NUMB		LS	T TO UTO	ME: ENGL :_ +06		_ 4		
	YEAR		FEB		APR		NUL	JUL	AUS
								• • • • • • •	
	43					······································			-
	44	1.53	1.04	1.45	1.69	2.50	.51	1.05	1.25
	. 45	.1.430	1.62	2.25	1.89	3.00	1.56	2.00	1.75
_	52				2.51*	1.37	. 61	2.52	. 24
	53	1.05	1.52	2.35	10.18	4.00	1.30	1.01	.29
	54	1.13	51	.91	2.71		1.12	1.47	47
	55	1.75	2.99	• 3 3	4.66	1.58	.45	2.50	2.15
	55	1.32	2.55	2.06	.57	.86	.75	1.10	1.14
	57	<b>.</b> 55	1.67	2.04	1.55	.52	3.52	<u>.</u> 35	.15
	53	1.30	1.42	2.12	1.60	1.19	3.11	1.11	7.15
	59	1.50	2.25	. 71	1.94	1.50	. 45.	1.32	57
	50	1.29	1.18	1.40	.83	1.15	• 33	. 71	2.30
	51	4.51	1.43	3.74	.78	2.52	2.54	1.71	1.33
	62.	1.48	<b>.</b> .53 .	61	1.26	1.53	1.36	.13	2.24
	63	• 35	1.52	.20	•69	2.04	.33	1.57	.42
	54	1.93	1.09	2.53	3.24	.76	1.94	1.13	2.12
	65	2.00	1.67	1.94	•50	• 58	1.37	•31	.39
	55	3.53	3.26	•20	1.62	•98	•93	1.56	1.54
	67	12.7	1 . 5 7	. 91	3.35	.3.14	2.15	1.93	.85
	69	4.75	1.31	1.22	3.11	1.03	• 85	• 75	2.34
·	53	29	2.35	1.91	2.31	2.94	2.21	3.54	1.11
	70	1.35	1.48	. 95	1.13	2.40	.30	1.59	1.97
	71	•48	1.13	1.10	•50	2.12	1.92	1.20	•71
	.7.2	. 2.11	. 479	1.35	46	1.72	1.02	2.47	.59
	<b>7</b> 3	2.07	1.56	4.50	2.44	3.51	1.51	• 67	.65
	74	3.77	1.15	1.29	2.73	3.20	1.44		<b>.</b> 36
	<b>7</b> 5	1.19	. 71	1.30	1.90	3.62	• 97	• 32	1.07
	76	1.07	1.10	2.96	1.02	2.79	2.85	3.07	1.37
	77	1.51	1.06	5.04	2.22	4.22	2.06	.53	1.25
	<b>7</b> 3	2.72	1.55	.48	.31	1.50	5.58	1.96	2.64
	73	3.36	3.31	1.82	1.50	1.09	_1.52	1.34	1.57
	80	3.43	2.35	2.55	3.06	2.68	1.54	.92	1.20

## EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES..... FROM SUMMARY OF DAY DATA

84A CNA	L4				DD DF RECT		9 <b>-</b> 4511,520 _L	04 <b>-</b> 8610 	
MAY		JUL	AUG	_SEP.	oct		DEC	ANNUAL	
• • • • • • •	•••••	• • • • • • •		2.03	.36	1.28		2.03*	
2.50	.51	1.05	1.28	2.25	.38	1.53	1.65	2.60	
3.00		2.00	1.75	1.11		1.29		3.00*	
1.87	. 61	2.52	. 24	53	TRACE.	2.10	2.01	2.52*	
4.00	1.30	1.01	•29	1.15	2.21	.33	2.56	10.13	
2.99	1.12	1.47	47	1.33	3.73	1.36	1.12	3.73	
1.58	.43	2.50	2.15	. 44	1.15	.34	1.58	4.65	
.85	.75	1.10	1.14	•69	. 99	1.22	1.76	2.55	
•52	3.52	.35	. 15	1.43.	2.32		1.04	3.52	
1.19	3.11	1.11	7.15	4.21	.21	1.39	• B <b>7</b>	7.15	
1.50	- 45	1.32	57	. 82	2.90	.34	3.45	3.45	
1.15	• 33	. 71	2.30	. 76	1.48	• 33	1.30	2.30	
2.52	2.54	1.71	1.33	. 36	1.78	2.57	2.55	4.51	
1.53	1.76	.18	2.24	•.90	. 5.7	1.41	1.89	2.24	
2.04	.33	1.57	• 42	•50	.11	1.65	1.45	2.04	
. 76	1.94		2.12	1.20	.27	3.91	5.51	5.51	
• 58	1.37	•31	. 19	2.29	.14	1.95	4.35	4.35	
•93	• 93	1.56	1.54	5.54	2.08	2.24	2.55	5.54	
3.14	2.15	1.93	.95	. 72	2.95	.13	4.33	4.33	
1.03	• 35	• 75	2.34	1.54	.55	3.09	1.25	4.75	
2.14	2.21	3.54	1.11	1.30	1.59	2.52	1.59	3.54	
2.40	.30	1.59	1.97	. 94	4.52	1.57	1.11	4.52	
2.12	1.92	1.20	•71	4.60	2.60	2.39	4.01	4.60	
1.72	1.02	2.47	•59	2.44	7.37	1.39	1.94	7.87	
3.51	1.51	.67	.66	3.79	1.01	1.47	2.33	4.50	
3.20	1.44	51	. 95	2.25	.83	1.62	2.71	3.77	
3.62	.97	• 32	1.07	1.71	3.78	1.30	1.30	3.73	
2.79	2.85	3.07	1.87	. 95	1.85	1.04	1.32	3.07	
4.22	2.05	.53	1.25	1.55	2.95	2.11	1.58	5.04	
1.50	5.53	1.96	2.64	. 91	.31	1.77	2.21	5.58	
1.09	1.52	1.34	1.57	5.60	2.27	2.91	3.81	5.50	
2.53	1.54	.92	1.20	.33	4.50	1.75	• 26	4.50	

OPERATING LUCATION 'A'
USAFETAC, ASHEVILLE NO

# I STRUCMA REITATIONARILE BRANKS I STRUCMA VALUE ALAG AE VSAKMUS MESS

				: ±06					
YEAR	NAL	FEB.	MAR	L. APR	MAY	JIM	JUL	AUG	
81									1
32	• वर्	2.74	2.34	2.03	• 32	1.54	1.40	1.70	, !
33	2.42	2.12	1.56	3.23	3-23	.96	1.20	2.03	2
94	1.13	3.51	1.97	2.58	1.44	6.17	1.00	2.28	1
35 .	•36	3.54	1.21	•77 =	2.12	• 35	2.40	4.03	2
36		-32	91	1.05		153	• 54	. 1.34	
87	2.27	2.50	3.52	.30	1.73	• 3?	2.09	1.75	
83	• 39	2.00	2.54	• 75	1.27	• 72	2.95	1.32	2

STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA

GREATEST 4.75 3.81 5.04 10.18 4.22 5.17 3.54 7.15

\*\*TOTAL UBS 1173 1074 1178 1156 1209 1170 1209 1209

THE GREATEST VALUE OF 10.18 OCCURRED ON 04/29/53

NOTE: MINE VALUE IS BASED ON A MONTH WITH LESS THAN BOY OF THE O

### EXTREME DAILY PRECIPITATION AMOUNTS IN INCHESTED AS JM 443Y OF DAY DATA

P AGE	ANJ AF3	LA					JR): 430 HJURS: A	9-4511,020 LL	04-8310
758				AUG			-	DEC	ANNUAL
27 23 23 53 77	1.25							_1.38	
<b>m</b> 3	• 32	1.54	1.40	1.70	3.05	1.57	4.00	5.72	5.72
23		.96	1.20	2.03	2.15	1.12	1.54	1.27	3.23
5 3	1.44	4.17	1.00	2.28	1.53	3.70	1.67	1.20	6.17
77	2.12	• 35	2.40	4.03	2.88	3.48	1.65	2.54	4.63
<b>)</b> 5	. 32	1.53	54	1.54	•97	1.69	3.71	1.34.	3.71
39 30 75	1.73	• 3.2	2.09	1.35	•52	1.07	3.35	2.17	8.35
75	1.27	. 72	2.95	1.32	2.05	1.78			2.95*

				5.72	10.13	
					14163	

1.18 GCCURRED UN 04/29/53

IN A MONTH WITH LESS THAN FOR OF THE DATA AVAILABLE FOR THE MONTH.

	OPERATING LOCATION OF SHEVE			PERCE		EBHENCY (		
	STATION NUMBER:		LST TO	UTC: +	96	<del>-</del> :		
		JAN	FEB			MAY	NUL	JUL
	BACK	25.3	97.5	99.1	100.0	100.0	100.0	100.0
	TRACE	3.9			. =	. <del>-</del>		
	0.1-0.4	•1	•1	• 1	-			
	0.5-1.4	• 4	المناف المنافعة المن والمناف المناف	.1	**************************************	The second secon		
	1.5-2.4	• 3						
	2.5-3.4	• 1						
	3.5-4.4		•1				- · · · ·	
	4.5-6.4		•1					
	6.5-10.4							
	10.5-15.4						•	
	15.5-25.4							
	25.5=50.4							
~	3VER 50.4			distribution and the second				
	~~~~	• • • • • • • •	1 • • • • • • • • •	• • • • •	•••••	• • • • • • •	• • • • • • • •	
	DAYS ATTH MEAS AMTS	• 9	. 3	• 2				
	TUTAL NO. UF DBSERVATIONS	1115	1016	1116	1096	1147	1110	114

......

and the second of the second o

8 - 3 - 1

				MUNIH: A		ALL .		
MAY	. JUN	JUL			JCT		DEC	ANN
100.)	100.0	100.0		100.0		99.7		99.2
			=-				1.2	.7
	and the same of the same of the							• 0
								• 0
								.0
			er kommenten ja ja ja ja					.0
								• • • • • • • • • • • • • • • • • • •
								• 0
		. N. Parishe and J. C.		· · · · · · · · · · · · · · · · · ·		-dayir samikinggadi di samiking ya ya	-	
					• • • • • • • •			
• • • •	• • • • • •	* * * * * * *			• • • • • • • •			.1
1147	1110	1147	1147	•••••	1147	• • • • • •	1115	.1
1147	1110	1147	1147	•••••	• • • • • • •	• • • • •	1115	
1147	1110	1147	1147	•••••	1147	• • • • •	1115	

USAFETAC, ASHEVILLE NO

OPERATING LOCATION 'A' TOTAL MONTHLY SNOWFALL AMOUNTS IN FROM SUMMARY OF DAY DATA

NOTTATE	NUMBER: 747		MAN NCITAT		NO AFB L	1		
YEAR	MAL	FEB	MAR	APR	YAM	ำ กห -	JUL	AUC
5.2	• • • • • • • • • • • •	• • • • • • • •	• • • • • • • • •	.0*		0	. 3	•••••
53	.0	TRACE	• 3	• 0	.0	•0	•0	•0
54				0		• 0	• 0	0
55	• 0	.0	· 0	• 0	• 0	• 0	• 0	• 1
55	TRACE	. o	. 0	•0	• 0	• )	• 0	• 0
5 <u>7</u> 53	TRACE	<u> </u>		0	<u>.</u>	<u> </u>	<u>0</u>	🕰 .
59	2.6	TRACE	• 3	• 0	• 0	• 3	.)	• 0
50	TRACE	IRACE. 9.1	•0	• 0	Q. 	0	• 0	• 0
<b>9</b> 0	IMAGE	9.1	• 0	• 0	• 9	. O	• 0	.0
61	TRACE	• 3	.0	• 0	• 0	• 0	• 0	. 0
52	IRACE		TRACE			<u>.</u>	a.g	Q_
53	TRACE	. 2	• 0	• 0	• 0	• 0	.0	• 0
. <u>54.</u> 55	IRACE.		TDACE		•0	• 0	• 0	• 5
57	• C	TRACE	TRACE	• 0	· 0	• 0	• 0	.0
56	TRACE	. 0	• 0	• 0	• 0	. O	. 3	. o
<u> 57</u>	TRACE	IRACE		0			• .)	. Q
53	TRACE	· 0	1.0	• 0	· 0	• 3	• )	• )
59	TRACE	. • .0	<u>.</u> Q	• 0	• 0	. 0	• 0	• 2
70	TRACE	• 0	• 0	• 0	• 0	· 0	• 0	.0
71	2.0	TRACE	TRACE	• 0	• 0	· 0	• 0	.0
				0	0_		• 2	0
73	3.4	TRACE	• 3	• 0	• 0	. O	• 0	. 0
74	. C .	<b>.</b> 0 .	_, <b>C</b>	• 0	۵.	• 0	. )	. )
75	TRACE	•0	TRACE	• 0	· 0	• 0	• 0	• 0
76	.0	• 0	• 0	• 0		• 0	• 0	• 0
	1.3			0_	0	0		)
<b>7</b> 3	2.5	TRACE	TRACE	• 0	. 0	. O	• 0	• 0
79	IRACE	C •	, • <b>0</b> ,	0	• O	• 3	• )	• 0
<i>3</i> 0	• 0	TRACE	• 0	• 0	.0	• 0	• 0	• 0
31	TRACE	TRACE	•0	• 0	• 0	• 0	• 0	• 0
32	.6			0	0		Q	
83	• 0	TRACE	• O	• 0	• 0	. 0	• 0	• 3
34	TRACE	• 0		0	<b>.</b> 0	• o	• 0	• 0
85	1.0	TRACE	•0	• 0	• O	• 0	. O	• 0

INCM	HLY.	MONZ	FAL	L AM	STRUC	IN	INCHES
PEX34	SUMM	ARY	JF.	YAC	DATA		

AFB LA						ORD: 520 HOURS: A		
MAY	JUN		AUG		OCI	VOV	DEC	ANNUAL
		.0		0	0_			
С,	· 0	.0	• 0	• 0	• 0	• 0	• 0	TRACE
.o	•0. •0	•0		•0	.0	TRACE	TRACE	TRACE
• '		• •				INACL		
. O	• 0	. O	• 0	• 0	• 0	• 0	• 3	TRACE
• 3 · · · · · · · ·	<u> </u>	0	.0	.0	0.	.0	.0	<u> </u>
• 0 • 0	.0	• 0 • 0	0	.0	•0	• 0	.0	TRACE
. 5	.5	• 0	.0	• 0	• 0	.0	TRACE	9.1
• 0	• 3	. 0	.0	• 0	• 0	• 0	• 0	TRACE
.0		0	. 0	0	0	0	0	TRACE
• 0	• 0	.0	• 0	• C	. 0	.0	TRACE	• 2
• 0	• <u>0</u> .	Ω	C •		0	0		TRACE
• 0	. 0	• 0	• 0	• 3	• 0	• 0	• 0	TRACE
• 3	· 0	• 0	. 0	• 0	•0	•0	• 0	TRACE
• 2	<u> </u>	<u> </u>		0	0	0	0	TRACE 1.0
· 0	•0 •0.,	.0	• 0	• 0 . • 0	•0	.0	.o .o_	TRACE
•0	• 0	•0	• 0	• 0	• 0	• 0	• 0	TRACE
• •	• •							
• )	· 0	. 0	• 0	• 0	• 0	TRACE	.0	2.0
•0	• 2	Q	<u> </u>	0	0		.0	
• 0	• 0	• 3	• 0	• 0	• 0	• 0	TRACE	3.4
• 0	• 0	.0	. <b>.</b> 0. •0	.0 .0	• 0	.0.	TRACE	TRACE
• 5	• 0	• •	• 0			• 0	1 4400	I NACE
• )	• O	• 0	• 0	• )	• 0	.0	.0	• 0
•Q	_0	<u> </u>	0	0	-0	0	TRACE	1.3
• 0	• 0	• 0	• 0	• 0	• 0	.0	TRACE	2.5
• 0	• )	• 3		• 0 .		TRACE.		TRACE
• )	. 0	• 0	• 0	• 0	• 0	• 0	• 0	TRACE
.0	. 3	• 0	• 0	• 0	. 0	• 0	TRACE	TRACE
• 0			0	0	0	0	.0	• 6
• 0	• 0	• 0	• 0	•0	• 0	.0	TRACE	TRACE
.0	• 0	• 0	• 0.	. •0	0	Q		TRACE
• )	• 0	• 0	• 0	<b>c</b> .	• 0	• 0	• 0	1.0

		LOCATION !A			rji	-	HLY SNOW		
	UN NOITATE	M8ER: 7475							<del></del>
	• • • • • • • • •	TRACE				• • • • • •		• • • • • • •	
	37 88	TRACE TRACE	.O TRACE	TRACE •0	•0	.0	• 0	.0	•
<u></u>	· · · · · · · · · · · · · · · · · · ·					· ·-			
				***			• • • •	-	
	,		water to the						
				**************************************					
						0			
		****	* * * * * * * * * *	1.4.4.4.4.4.4.4.4			. 4 -4 4 4 4 4 4	* * * * * * * *	
	LEAST	.0	0_	0	0		.0_	-0	
	GREATEST	3.4	9.1			C	0	• 9	•
	. MEAN.			_TRACE		•0	C	. 0	•
÷	MEDIAN	IRACE			0		0	0	
	6.0								.00
			1016	1115	1096	1147	1110	1147	
	TOTAL OBS	1116			• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	

.0 .0 .0 .0 .0 .0 .0 IRACE*  .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	-	LA						JRD: 520		
0 0 0 0 0 0 0 0 1RACE 0 0 0 0 0 0 0 1RACE 1RACE*  0 0 0 0 0 0 0 1RACE 1RACE*  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***	• • • •		11.91		• • • • • • •		• • • • • •		ANNIHAL
.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 IRACE IRACE*  .0 .0 .0 .0 .0 .0 .0 .0 .0 IRACE IRACE*  .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 IRACE .0 .0 .0 .0 .0 IRACE IRACE .7 .0 .0 .0 .0 .0 .0 IRACE IRACE .7 .0 .0 .0 .0 .0 .0 IRACE IRACE .7 .0 .0 .0 .0 .0 .0 IRACE IRACE .7 .0 .0 .0 .0 .0 .0 IRACE IRACE .7 .1110 1147 1147 1110 1147 1080 1115 13347		• • • •	• • • • • •			• • • • • • •				
.0 .0 .0 .0 .0 .0 .0 IRACE*  .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	•0		_	-	•					
0 0 0 0 0 0 0 1RACE TRACE 9.1 0 0 0 0 0 0 TRACE TRACE 7 0 0 0 0 0 0 0 0 TRACE TRACE 7 0 0 0 0 0 0 0 0 0 0 1RACE	<b>.</b> 0.			•0		•0				TRACE*
0 0 0 0 0 0 0 1RACE TRACE 9.1 0 0 0 0 0 0 TRACE TRACE 7 0 0 0 0 0 0 0 0 TRACE TRACE 7 0 0 0 0 0 0 0 0 0 0 1RACE	or and a second					- No. 100 - No.				
0 0 0 0 0 0 0 1RACE TRACE 9.1 0 0 0 0 0 0 TRACE TRACE 7 0 0 0 0 0 0 0 0 TRACE TRACE 7 0 0 0 0 0 0 0 0 0 0 1RACE			· . —							
0 .0 .0 .0 .0 .0 TRACE TRACE 9.1  0 .0 .0 .0 .0 .0 TRACE TRACE .7  0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE  10 .000 .000 .000 .000 .000 .000 .000										
0 .0 .0 .0 .0 .0 TRACE TRACE 9.1  0 .0 .0 .0 .0 .0 TRACE TRACE .7  0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE  10 .000 .000 .000 .000 .000 .000 .000	n makeup 1						·	······································		
0 .0 .0 .0 .0 .0 TRACE TRACE 9.1  0 .0 .0 .0 .0 .0 TRACE TRACE .7  0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE  10 .000 .000 .000 .000 .000 .000 .000							44444			** * * * * * * * * * * * * * * * * * *
0 .0 .0 .0 .0 TRACE TRACE .7  0 .0 .0 .0 .0 .0 .0 .0 TRACE  0 .000 .000 .000 .000 .000 .000 .000	• • • •	• • • • •			• • • • • • • • • • • • • • • • • • • •					
0 0 0 0 0 0 0 0 0 1RACE 00 000 000 000 000 000 000 1.716 07 1110 1147 1147 1110 1147 1080 1115 13347	.2		.0		0	0	-0	.0	0	0
00	• • •									
00	. 3		.0	0			.0	TRACE	TRACE	9.1
7 1110 1147 1147 1110 1147 1080 1115 13347	ე ე		.0	.0	.0.	.0	.0	TRACE	TRACE TRACE	9.1
	•0		0	.0	.0	•0	.0	TRACE TRACE	TRACE TRACE	9.1
	.0	.00	0	.0	.0	.0	.0	TRACE TRACE	TRACE TRACE	9.1 .7 IRACE
	.0	.00	0	.0	.0 .0 .000	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0	TRACE -0 -000	TRACE TRACE .0 .000	9.1 .7 IRACE 1.716

USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN FROM SUMMARY OF DAY DATA

STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA
LST TO UTC: +06

		<del>[</del>	ST TO UTC:	±06				
YEAR	JAN_	FEB	MAR	APR	MAY		JUL	AUG
<u>52</u>	• • • • • • • • • • •	• • • • • • •	• • • • • • • • •	.0*	-0			
53	. 3	TRACE	• 0	• 0	.0	• 0	• 0	.0
54	•0	0		• 0			•0	•0
55	• 0	• 0	•0	•0	• 0	• 0	.0	.0
55	TRACE	• 0	• 0	• 0	• 0	.0	• 0	• 0
57	TRACE				0	0		
58	1.4	TRACE	• 0	• 0	• 0	• 0	· 0	. O
5.9			0			. •0	• 0.	•0
50	TRACE	5.1	• 0	• 0	. 0	• 0	• 0	• O
61	TRACE	.0	• 3	• 0	• 0	• 0	. 3	• 0
52	TRACE	-0	IRACE	0			2	O
53	TRACE	. 2	• 0	• 0	.0	• 0	• 0	• 0
	EDAASE			• 0	-	<u>3</u> .	• 0	• 0
65	• 0	TRACE	TRACE	• 0	• 0	.0	• 0	• 0
55	TRACE	• 0	• 0	• 0	• 0	. 3	. 3	• 0
57	TRACE	TRACE_	0	0	0			
<b>5</b> 3	TRACE	. U	1.0	• 0	• 0	• 0	. O	• 0
69	IRACE.	0				٠٥	0	_ • O
70	TRACE	• 0	• 0	• 0	• 0	• 0	• 0	٠٥
71	2.0	TRACE	TRACE	• 0	• 0	• )	• 0	. 0
72				0				0
73	1.3	TRACE	• 0	• 0	• 0	• )	• 0	• 0
			0		•.0	• <b>3</b>		• Q
75	TRACE	• 0	TRACE	• 0	٠.0	• 0	• 0	• 0
76	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
	1.8			0	0		0	
<b>7</b> 8	2.5	TRACE	TRACE	• 0	• 0	• 0	• 0	• 0
	IRACE	0		•.Q.	. •0	<b>.</b> 0	<u>.</u> 0 .	. • 0
30	• 0	TRACE	• 0	• 0	• 0	• 0	• 0	• 0
31	TRACE	TRACE	• 0	•0	•0	• 0	. 3	• 0
82		0	0	-0	0			0
83	.0	TRACE	• 3	•0	• 0	• 0	• 0	• 0
8.4	TRACE		•0	0	0	0.	0	• 0
85	1.0	TRACE	• 0	• 0	• 0	• 0	• 0	• 0

X T	REME D	AILY	SNOW	FAL	LAM	OUNTS	IN INCHES
	FROM	I SUMM	IARY	OF	DAY	DATA	

AFB	LA					ORD: 520 HOURS: A		
							DEC	
		0						
• 0	• 0	. 0	. 0	• 0	.0	• 0	• 0	TRACE
• 0		• •			0-		•0	
• 0	• 0	• 0	• 0	• 0	• 0	TRACE	TRACE	TRACE
• 0	• 0	.0	•0	•0	.0		• 0	TRACE
			0	0				TRACE
• 0	• 3	• 0	• 0	• 0	• 0	• 0	•0	1.4
•0	• 0	.0	•0	• 0	.0	•0	TRACE	TRACE 5.1
• 0	• 0	• J	• 0	•0	• 0	• 0	• 0	TRACE
					0	0	0	TRACE
.0	. O	• 0	• 0	• 0	• 0	• 0	TRACE	• 2
• O .		0			0			TRACE
• 0	.0	•0	• 0	. 3	• 0	• 0	• 0	TRACE
. 0	· 0	. 3	• 0	• 0	• 0	• 0	• 0	TRACE
_0_	<u> </u>		0	<u> </u>				TRACE
• 0	• 0	.0	• 0	•0	•0	.0	• 0	1.0
0.0	.0	•0	• 0 · • 0	•0	.0	.0	•0	TRACE TRACE
• 0	• 3	• 0	• 0	• 0	• 0	TRACE	• 0	2.0
_ننــ			0		0	0	0	
. 0	• 🤊	. 0	• 0	• 0	• 0	• 0	TRACE	1.3
٠0	•0			.0	0_	0		
• 0	• 0	• 0	• 0	.0	• 0	• 0	TRACE	TRACE
.0	• 0	• 0	• 0	•0	• 0	• 0	.0	. 0
<u></u>					0		TRACE	1.3
.0	• 0	.0	• 0 • 0	•0	• 0	O.	TRACE 	2.5 TRACE
٠0	•0	• 0	•0	• 0	•0	•0,		TRACE
.0		, • 3	• 0	· · · · · · · · · · · · · · · · · · ·	• 0	• 0	TRACE	TRACE
.0		0	0	0	.0	.0		
• 0	• 0	.0	• 0	• 0	• 0	• 0	TRACE	TRACE
.0	<b>.</b> 0			0	0			TRACE
• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	1.0

3 - 3 - 3A

.

USAFETAC.	ASHEVILLE NO	<b>C</b>		ATAC YAG RC YRAMMUS MOSR								
STATION NU	JM3ER: 74754		AV NCITA	ME: ENGLA! : +06	AFB LA	1						
YEAR	LAL				- <b></b>		JUL	• • • • A				
			• • • • • • •		• • • • • • •							
<u>36</u>	TRACE		TRACE	.0			<u>.</u>	- · · · · · · · · · · · · · · · · · · ·				
<u>88</u>							• O .					
			-			_						
· · · · · · · · · · · · · · · · · · ·					<del></del>		Andrew Co. (1971)					
				Territoria de la compania del compania del compania de la compania del la compania de la compania della compania della compani								
			*****					بعمد				
GREATEST	2.5	5.1	1_0	<b></b> Q.,	<b> 0</b>	• O	• 0	1				
TOTAL TOS	1116											
	1115						1147					
							-P-Q-R-Q-Q-Q-Q-Q-Q-Q-Q-Q-Q-Q-Q-Q-Q-Q-Q-Q					
	THE GREAT	TEST VAL	UE OF	5.1	DCCURRE	ED ON	02/12/60	1				
				.,								

PROPERTY CONTRACTOR CO

8 - 3 - 38

GLAND	<b>4</b> F B	_ A									204-831 ALL			
3	MAY	• • • •	אוור	• • • •					DCI		<u> </u>	EC		
		• • • •		• • • •	•••			0	0			0	TRACE	
	.0		• 5		.0 .0		. 0	.0	.0	. 0	•	0	TRACE TRACE*	
														· · - · · -
									· - ·					
		. ·						= .	···	# = · · · -=				
										· · · ·				
	-		·											
			<del></del>											
														—
													5.1	
_	147	1	110	1	147	114	+7	1110	1147	1080	111	5	13347	

UPERATING LOCAL USAFETAC, ASHE			PERCE	NTAGE FRE	EQUENCY :			S
STATION NUMBER			N NAME:	ENGLAND	AFB LA			
AMBUNTS (INCHES)	JAN	EE8	MAR.	APR	MAY	MUL	JüL	• •
NONE	98.3	99.4	99.9	100.0	100.0	100.0	100.0	<b>4-4</b>
TRACE	• J	• 2	• 1					
1	. 4	. 1						
2	• 3	.1		Proposition of the State of State of Section 1				. •
3	• 1	÷	· -					
4-6	• 1	. 1						
7-12	man fines transfer of company of the first of the first company of the first of the	.1	and an analysis of the second second	Andrea Andrea and				
13-24								
25 <b>-</b> 36			. <u></u>					
37-48								
49-60								
51-120								
DVER 120	and the second and an account of the second sec			-				-
	********						• • • • • • •	• •
DAYS AITH MEAS AMTS	•8	4						
TOTAL NO. OF OBSERVATIONS	1173	1074	1178	1156	1209	1170	1209	
• • • • • • • • • • • • •	• • • • • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• (

and the second of the second o

and the second of the second o

3 - 4 - 1

-9 LA			4	ADNIH: AL	L Hous	S: ALL	511,5204-		
MAY	NUL	JUL	AUG	SEP.	TOC	ИПУ	DEC	ANN	
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	<del></del>
								•1	
					4.4			.0	
							The second secon	.0	
								•0	
								.0	
								.0	<del></del>
			7 7 12.1	A CONTRACTOR OF THE PARTY OF TH		The second of th			
					******				
	- 1 .00 . 0 . 0				arms - which a major of a white or		and the second	•1	
1209	1170	1209	1209	1200	1240	1170	1178	14171	
•••••		• • • • • • •					• • • • • • •		
	arameter to the area of								
								<del>-</del>	
									<del></del>

Ì

)

)

3 - 4 - 1

OPERATING LOCATION 'A' USAFFTAC, ASHEVILLE NO

## EXTREME DAILY SNOW DEPTH AMDUNTS FROM SUMMARY OF DAY DATA

STATION NUMBER: 747540

STATION NAME: ENGLAND AFB LA-LST TO UTC: +06

• • • • • • • • • •	• • • • • • • • • • •			• • • • • • • •				
YE∆⊰	HAL	FER	MAR	APR	MAY	มมห	JUL	AUG
• • • • • • • • •			• • • • • • •	• • • • • • •	• • • • • • •			
44	9	O	Э	0	0	2	Ĵ	3
45	<b>3</b>	Э	Q	0	S	O	0	)
52				0*	٥	2	Э	3
53	Э	3	9	o	Ú	0	0	e
			TRACE	۵۵		ā	á	2
55	5	ž	3	ō	ċ	Ĵ	9	;
	-		_		•			
ゔゔ	Ç	О	0	o	ა	c	9	٠,
57	å	ă	ő	ă	ű	ŏ	ũ	Š
5.9	1	1	3	ő	3	)	.)	٠ ٦
	j	, 1	3	0	Ω.	3	.)	o o
50		9	)	0	0.	 U	) )	9
<b>3</b> 3	C	7	J	J	J	U	.1	,
,	•	2			2		0	73
<b>21</b>	U EDAGE	ე ა	<b>0</b>	ე 0	) )	Ó	9 9	
52 63		_	_	-	_	ũ		j.
53		RACE	c	0	0	Ċ	3	ز
54			2	<del>2</del>	<u>u</u>	j.	Ş	J.
65	Ĵ	0	0	0	2	Q.	:)	)
			_	_	_	_	_	_
55	3	ż	0	0	)	0	^	
57	O.	i)	C	0	C	ù	0	9
<b>5</b> %	ÿ	2	)	)	Э	9	3	ì
ـــــــ وه	بديد يافي بالدار الريد	2	<del></del>			2	J	5
70	0	7	)	0	Э	3	.)	)
71	2	)	C	0	)	3	3	$\circ$
72	0	0	0	Q	<b>O</b>	O	0	Ũ
73	4	)	C	<b>o</b>	0	)	)	<b>)</b>
74	<b>3</b>			0	<b></b>	<u>.</u>	٠. د	3
75	Ş	,j	0	0	0	Ç	9	Э
76	Ü	2	ð	Э	0	0	Ċ	2
77	1	ō	o o	ā	3	Ġ	Ó	J
7 3	2	j	ā	Ō	Ğ	õ	)	0
72		ā	š	Ö	Ö	ó	5	Ď
30	)	9	3	0	0	0	õ	õ
· •	•		•	• •		~	- 4	

## EXTREME DAILY SNOW DEPTH AMBUNTS IN INCHES FROM SUMMARY OF DAY DATA

#MGLAND AFB LA PERIOD OF RECORD: 4309-4511,5204-3810 p6 Month: All Hours: All

	ANNUAL	DEC	VCN	эст	SEP	AUG	JUL	אנינ	MAY	455
		3			- 0 -				• • • • • • •	
	) 0≉	Ü	o 0	0	0 0	) )	0	) 0	ი ა	9
	<b>o</b> *	0	٥	0	3	0	9	ő	Ç	ुं∗
	TRACE .	ა ი მ	0 <b>3</b> -	0 0	် <b>ခ</b>	0 3	) 3	)	ິງ ວ	3
•	J	2	2	0	Ü	ő	ì	3	3	i
	3	)	o	9	2	Ö	õ	0	j	
	O	ე ე	) 0	0	3	0	ů,	о Э	ა ე	Ü
	1	0	0	0 Q	0	ე ე	.)		3	
	•	0		0	9	0	5	i)	2	1
	0	Ó	o	o o	)	9	9	J	)	3
	TRACE	9	Э	0	2	Ĵ	9	3	ì	ů,
	TRACE	3	O	0 3	Ç	) 0	j	j	ე ე	)
	9	ე ე	3	0	9	)	)	3	9	;
	^	9	9	o	2	?	2	?	J	?
	Ĵ	0	ò	0	)	?	0	ù	Ö	Ü
	2	9	9	)	j	) 0	)		ე ე	,
	) )	<u>0</u> 0	o o	<u>o</u> o	о Э	Ċ	)	Š	5	e di J
	2	0	0	O	)	2	j.	^	•)	)
	O	õ	0	O a	3	O O	0	Ü	3	) -
	4	) )	0 2	0 0	U G	0 3	} \	)	0 <b>)</b>	1
	)	0	9 6	Ò	3	3	)	ζ, ζ,	ő	j
	?	Ċ	0	9	)	2	′)	9	)	j
	1	Ö	2	)	)	3	• •	Ć	)	;
		3	) )	:) 3	ن ر	9 9	; ·)	•	•	.0
	9	Ç	)	0	<i>)</i> }	)	)	J	ő	!
	•	•	~		•					

LCMA HT930 WGMZ YJIAC SMBRTX3 DRERATING LUCATION 'A' FROM SUMMARY OF HAY DATA JSAFETAC, ASHEVILLE NO STATION NUMBER: 747545 CARTION NUMBER ENGLAND AF3 LA 10 to 12 to YEAR JAN FEB . MAR. .APR... MAY JUN О 1 0 0 ) C a 0 83 Ċ 0 0 0 0 1 TRACE 0 0 0 44 0 Ď 35

0 0 0 0 0 0

Č

0

Э

37 33

4 9 TRACE 9 0 0 GREATEST 1178 1074 1178 1.56 1209 1170 TOTAL DAS

HOTEL WENT SEED HITH HINCH A NE CHEAR ST BULLAY SHIP HOTEL

THE GREATEST VALUE OF 9 OCCURRED ON 02/13/60

1 4F3 L4						RD: 4309- BURS: ALI	-4511,520 -	)4 <b>-</b> 881)	
MAY	אמר	JUL	AUG	SEP.	OCI	LON	DEC	ANNUAL	
)		Q	0	0	0	0			
$\mathbf{c}$	9	3	9	0	0	0	0	1	
) )	a 0	0	0	.0 0	<b>3</b>	. 0 0	0	0	
Š	Š	ŏ	Ö	ů.	. 0.	õ	ó	1	
۲	<b>a</b>	2		0			0	<u>_</u>	
0	С	)	0	)	)	0	0	0	
Э	<b>)</b>	Q	O	3	3			0*	
		**	÷				- د د دهد د وير د		
						<b></b>			
			~			<u> </u>		, . <u></u>	
			~-			<del></del>		<u></u> -	
					. <u></u>	<b></b>		<u></u>	
			~-	· · · · · · · · · · · · · · · · · · ·			 		
							•		
							a a a a a a		
•••••	0	J		<b></b>	)	•	0	9	
				) 1200				9	

WITH WITH LISS THAN DOW OF THE DATA AVAILABLE FOR THE MONTH -

USAFETAC, ASHEVILLE NO

### OPERATING LOCATION 'A' ..... EIRST AND LAST DAYS OF OCCURRENCE BY FROM SUMMARY OF DAY DATA

STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA

SNOW-YEAR	• • • • • •	• • • • • • • •	FIRST	EIRSI	FIRST	LAST
52 - 53	SN.T.W. <b>-</b> Y5	- A -2	SNOWFALL	MEASURABLE SNOWEALL	MEASURABLE SNOW DEPIH	SNOWEALL
53 - 54 MAR 04 MAR 04 MAR 05  55 - 56 NJW 30 JAN 31  56 - 57 JAN 16  57 - 59 JAN 23 JAN 23 JAN 24 F53 12  58 - 59 FEB 19 FEB 19  50 - 50 JAY 23 FEB 12 FEB 13 F55 15  60 - 61 DEC 14 FE9 21  53 - 64 DEC 14 FE9 21  64 - 55 FE3 24 FE9 24  65 - 67 JAN 18  67 - 69 JAN 03 MAR 22 FE9 23 MAR 22  68 - 67 JAN 03 MAR 22 FE9 23 MAR 22  69 - 70 JAY 05 JAN 03  71 - 72 NJY 05 JAN 07 JAN 08 MAR 22  72 - 73 JAN 10 JAN 10 JAN 11 FE9 08  73 - 74 DEC 20  74 - 75 JAN 12 JAN 10 JAN 11 FE9 08  75 - 76 JAN 12 JAN 10 JAN 11 FE9 08  76 - 77 JAN 09 JAN 30 JAN 11 FE9 08  76 - 77 JAN 09 JAN 30 JAN 11 JAN 31  77 - 73 DEC 29 JAN 30 JAN 20 MAP 20  78 - 77 JAN 09 JAN 30 JAN 31 JAN 31  77 - 73 DEC 29 JAN 30 JAN 20 MAP 20  78 - 77 JAN 09 JAN 30 JAN 31 JAN 31  77 - 73 DEC 29 JAN 30 JAN 20 MAP 20  78 - 77 JAN 09 JAN 30 JAN 31 JAN 31  77 - 73 DEC 29 JAN 30 JAN 20 MAP 20  78 - 77 JAN 09 JAN 30 JAN 20 MAP 20  78 - 77 JAN 09 JAN 30 JAN 31 JAN 31  77 - 73 DEC 29 JAN JAN 29 JAN 29  74 - 75 JAN 29						
53 - 54 MAR 04 MAR 04 MAR 05  55 - 56 NJW 30 JAN 31  56 - 57 JAN 16  57 - 59 JAN 23 JAN 23 JAN 24 F53 12  58 - 59 FEB 19 FEB 19  50 - 50 JAY 23 FEB 12 FEB 13 F55 15  60 - 61 DEC 14 FE9 21  53 - 64 DEC 14 FE9 21  64 - 55 FE3 24 FE9 24  65 - 67 JAN 18  67 - 69 JAN 03 MAR 22 FE9 23 MAR 22  68 - 67 JAN 03 MAR 22 FE9 23 MAR 22  69 - 70 JAY 05 JAN 03  71 - 72 NJY 05 JAN 07 JAN 08 MAR 22  72 - 73 JAN 10 JAN 10 JAN 11 FE9 08  73 - 74 DEC 20  74 - 75 JAN 12 JAN 10 JAN 11 FE9 08  75 - 76 JAN 12 JAN 10 JAN 11 FE9 08  76 - 77 JAN 09 JAN 30 JAN 11 FE9 08  76 - 77 JAN 09 JAN 30 JAN 11 JAN 31  77 - 73 DEC 29 JAN 30 JAN 20 MAP 20  78 - 77 JAN 09 JAN 30 JAN 31 JAN 31  77 - 73 DEC 29 JAN 30 JAN 20 MAP 20  78 - 77 JAN 09 JAN 30 JAN 31 JAN 31  77 - 73 DEC 29 JAN 30 JAN 20 MAP 20  78 - 77 JAN 09 JAN 30 JAN 31 JAN 31  77 - 73 DEC 29 JAN 30 JAN 20 MAP 20  78 - 77 JAN 09 JAN 30 JAN 20 MAP 20  78 - 77 JAN 09 JAN 30 JAN 31 JAN 31  77 - 73 DEC 29 JAN JAN 29 JAN 29  74 - 75 JAN 29						
55 = 56						
56 - 57	53 -	54	MAR 04	MAR04		MAR 05
57 - 59	53	56				LE MAL
57 - 58	56 <b>-</b>	5 <b>7</b>	JAN 16			JAN 16
58 - 59	57 <b>-</b>	5.0	JAN 23	JAN 23	JAN 24	FE3 12
57 - 50	53 •	59		-		
51 - 52				FEB 12	FEB 13	
52 - 53						
52 - 53						
53 - 64 DEC 14 54 - 55 FE5 24				5.50 11		
64 - 55				FEB 11		
55 =56						
56 - 57						
67 - 63	گف.	_55	Jak.13	The second section of the second seco		JA1 22
67 - 63	5n =	57	JAN 18			F=6 06
68 - 69       JAN 03       JAN 04         69 - 70       JAN 05       JAN 05         70 - 71       JAN 06       JAN 07       JAN 06         71 - 72       NJV 22       NJV 22         72 - 73       JAN 10       JAN 11       FE3 08         73 - 74       0EC 20       0EC 20         74 - 75       JAN 12       MAR 04         75 - 76       DEC 24       0EC 24         76 - 77       JAN 09       JAN 30       JAN 31         77 - 73       OFC 29       JAN JAN 20       MAP 03         78 - 73       OEC 24       JAN 29         77 - 30       NTV 23       FEB 15				MAR 22	FF3 23	
69 - 70       JAN 05       JAN 05         70 - 71       JAN 06       JAN 07       JAN 06         71 - 72       NJV 22       NJV 22         72 - 73       JAN 10       JAN 11       FE3 08         73 - 74       0EC 20       0EC 20       0EC 20         74 - 75       JAN 12       MAK 04         75 - 76       DEC 24       0EC 24         76 - 77       JAN 09       JAN 30       JAN 31         77 - 73       OFC 29       JAN JAN 20       MAP 03         73 - 70       DEC 04       JAN 29         74 - 30       NTV 23       FR3 15						- <del>-</del>
70 - 71 JAN 26 JAN 27 JAN 28 MAR 23  71 - 72 NJV 22  72 - 73 JAN 10 JAN 11 FE3 28  73 - 74 DEC 20  74 - 75 JAN 12 MAR 24  75 - 76 DEC 24  76 - 77 JAN 29 JAN 30 JAN 31 JAN 31  77 - 73 DEC 29 JAN JAN 20 MAP 23  73 - 72 DEC 24  74 - 75 JAN 29  75 - 75 JAN 29  76 - 77 JAN 29  77 - 30 NTV 23						
71 - 72 NJV 22 72 - 73 JAN 10 JAN 11 FE3 08 73 - 74 DEC 20 74 - 75 JAN 12 MAR 04 75 - 76 DEC 24  76 - 77 JAN 09 JAN 30 JAN 31 JAN 31 77 - 73 DEC 29 JAN JAN 20 MAP 03 78 - 70 DEC 04 79 - 30 NJV 23				JAN 07	JAN DE	•
72 - 73						
73 - 74	71 -	72	NJV 22			43V 22
73 - 74	72 -	73	JAN 13	JAN 10	JAN 11	F83 08
74 - 75	73 -	74				DEC 20
75 - 76	74 -					MAR 04
76 - 77 JAN 09 JAN 30 JAN 31 JAN 31 77 - 73 DEC 28 JAN JAN 20 MAP 03 78 - 70 DEC 04 JAN 29 79 - 30 NOV 23		7.b				DEC 24
77 - 73 OFC 28 JAN JAN 20 MAP 03 78 - 70 OFC 04 JAN 29 79 - 30 NOV 23 FEB 15						
77 - 73 OFC 28 JAN JAN 20 MAP 03 78 - 70 OFC 04 JAN 29 79 - 30 NOV 23 FEB 15	75 <b>-</b>	77	JAN 09	JAN 30	JAN 31	JA1: 31
73 - 72 DEC 04 JAN 29 79 - 30 NAV 23 FEB 16		73	-		JAN 20	
77 - 30 VIV 23 563 15						
					-	

· ∟A			CORD: 4309-4511,520 1 AUG - 31 JUL	04-8810
RSI GRAGLE GGEPIA	LAST SNOWFALL	LAST	LAST MEASURABLE SNOW DEPTH	
*	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		••
	FER 21 MAR 05	MAR 04		
	JAN 31			
% 24	JAN 16 EE3 12	JAN 24	JAN 24	<u>.</u>
× 13	FEB 19 FEB 15 JAN 28	FEB 13	FEB 15	
			garan kanamatan da k	
	MAR 14 FEP 21	⊏E3 11		
	FE2 21			
	JA:1 29			
. 23	FEE 06	WAD 22	FEB <b>23</b>	
1 ( )	JAN 04	m44 22	FCB 23	
.:: J3	JAN 06	JAN 07	JAN 09	
	NOV 22			
11	FE3 08 DEC 20	JAN 12	JAN 12	
	MAR 04			
	.DEC 24			
31	JAh 31	JAN 30	JAN 31	
. 2)	MAP 03 JAN 29	JAN 19	JAN 21	
	FEB 16 FEB 11:			

				AND AFB LA	
SHOM=X:		SNOWFALL	MEASURABLE	MEASURABLE	
31 <b>-</b> 32 <b>-</b>	32 . 83	DEC 20 FEB 04 :	JAN 13	JAN 14	JAN I FEB 0
33 <b>-</b> 34 <b>-</b>	34 35	05C 22 JAN 03	JAN_03	JAN .03	J44 FEB :
36 <del>-</del>	37	JAN 21			JAN MAR
37 -	33	JAN 08			EE3
	31 - 32 - 33 - 34 -	\$1 - 32 \$2 - \$3 \$3 - 34 \$4 - 35 \$5 - 86	SNOW=YEAR  31 - 32	SNOW-YEAR SNOWFALL MEASURABLE SNOWFALL  31 - 32	SNOW=YEAR SNOWFALL MEASURABLE MEASURABLE SNOWFALL SNOW DEPTH  31 - 32 DEC 20 JAN 13 JAN 14  32 - 33 FEE 04  33 - 34 DEC 22  34 - 35 JAN 03 JAN 03  35 - 36 JAN 03  JAN 03

and the second s

CVAJ			SNOW-YEAR:		
	FIRST MEASURABLE SNJW DEPTH	LAST SNOWFALL	MEASURABLE SNOWFALL	SNOW DEPIH	
• • • •					
	JAN 14		JAN 13	JAN 14	
	JAN -03	JAN 18 EEB_03 JAN 08	JAN 03	JAN 03.	
		MAR 30 FEB 07			
		·	and the same of th		
	JAN 20	FEB07.	JAN 24	JAN_21	

્વલુલુલ્	כתם			2222	การก	*****
00000			(4444		RRRRR RRRRR	ווווווווווו ווווווווווו
برو	рp	A.A	AA	RR.	23	11'11'11'1
ນົກ	<b>ှ</b>	A A	AA	22	23	T T
gacaç	pppp	AA	ĀĀ.	• • •	RRRR	ŤŤ
dedda	ववद	AAAAA	ΑΔΑΔΑ	RXRR		TT
ББ		AAAAA	AAAAA .	RR	<b>.</b>	7.7
ے کی		44	ДД	₹?	<b>ર</b> ⊰	ŢŢ
a o		AA	AA	RR	RR	TT
<b>3</b> 0		ΔΑ	ΔA	33	RR.	ŢŢ

,

the second secon

				- ·		· ·
,						
		APP A T = 7 T T				
· · · · · · · · · · · · · · · · · · ·						
					<del>_</del>	
				٠٠٠ - ١٠ - ١٠ - ١٠ - ١٠ - ١٠ - ١٠ - ١٠		
•						
			* <u></u>			
			,			
				·		
रस्ट्रहरूस रस्ट्रहरू				0000000		· · · · · · · · · · · · · · · · · · ·
रर्गसम्ब	83	TT.		222		
રેરે	33	TT		CC		
<b>२</b> २ <mark>१३</mark> ३३३				CC		
<b>्रदेशस्ट्र</b>		11		CC		
	R 국국	TT TT		CC CC.		
5.5 7.7	33	II		2222222		
<del>&lt;</del> ₹	RR	ŤŤ		ccccc		
	—					
						من ووب ال
		ere er og at til state og at skipper				
		•				
				and the second s		
						- · · · - · - · · ·

2 - 1 - 1

#### SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA.

DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINS
THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS E
HEATHER SERVICE STARTED RECORDING DIRECTIONS IN TES
IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIFE
AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR
GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND T
PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD.
A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE
ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MI

PEAK WINDS-PERCENT DCCURRENCE FREQUENCY.

ALSO FROM SUMMARY DE DAY DATA. DATA IS SUMMARIZED
YEARS COMBINED. FOR ELEVEN WIND SPEED GROUPS. THE
INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED
AS "CALM." THAT COUNT GOES INTO THE "L-4 KNOT" CATE
MEANS, MEDIANS, AND TOTAL DOSERVATION COUNTS. THE
ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY

HIND DIRECTION VS HIND SPEED--PERCENT DOCURRENCE FREQUENESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS.

THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- 3Y YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERC FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSU'S SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N.E.S. IDIAL PERCENTAGES. MEANS. AND MEDIANS FOR EACH SECTIONS CONTROL OF THE PROPERTY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECT FUR SPECIFIED CEILING/VISIBILITY CONDITIONS. THE

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 17 THE CEILING MUST BE GREATER THAN OP EQUAL TO 200 FOR THIS CONDITION IS NOT MET, THEN THE EDUCATION (WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FOR GREATER THAN OR EQUAL TO 200 FOR SECURITY OF THE PROPERTY OF THE P

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

#### SURFACE WIND SUMMARIES

CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS.

D. 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD.

B. BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL STARIED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA.

MUNTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD.

N: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED. THE VALUE FOR ALL YEARS COMBINED. THE COLUE FOR THE ABSOLUTE ED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES INTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN NOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

OCCURRENCE FREQUENCY.

Y OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FUR ALL

FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP

NOS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY

COUNT GOES INTO THE M1-4 KNOTM CATEGORY. TABLES INCLUDE

AND TOTAL DOSERVATION COUNTS. THE VALUES IN THIS SUMMARY

AK WIND BEING RECURDED FOR EACH DAY OF EACH MONTH.

IND SPEED--PERCENT DOCURRENCE FREQUENCY.

CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE

OAS:

JUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

L YEARS AND ALL HOURS COMBINED).

LIGGINERNED SAUCH LIA GNA 28ABY

EIVARIATE DISTRIBUTION OF THE PERCENT DOCURRENCE
FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION
30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE
V. CARDINAL WIND DIRECTIONS (N.E.S.W) APPEAR FOR REFERENCE.
ES. MEANS. AND MEDIANS FOR EACH SECTOR. ALONG WITH TOTAL OBSERVED ARE PRINTED BELOW EACH SUMMARY.

-IVARIATE DISTRIBUTION OF AIND DIRECTION VERSUS AIND SPEED CHILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

r = .514701 METERS PER SCOUND

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

PEAK SURFACE WINDS IN KNOTS
ATAC YAG BU YSAMNUS MOTO

DOM EINCY AL	, 10 <b>, 10 .</b>	•			·		A	71 57.7
STATION NUMP		<u>[</u>	\$1-10-UI	C: ±06			•	
	JAN	FEB	. MAR	APR	MAY	אטנ	JUL	AUS
• • • • • • • • •	• • • • • • •			• • • • • • •			• • • • • • •	• • • • • • •
55	New or a second or an income	****						
57	NW 23	ENE 24	¥ 55	w 38	S 40	SE 55	NNE 26	SE 24
53	MITM 30	H 30	MNM 56	\$ *32	A 25	4NM 57	SSE 28	SE 25
59	N44 53	SSH 56	NW 30		SSE 34	N 28	N 39	ESE 24
50	NW 29	\$ 34	NW 24	E. 31	WNW 43	ENE 21	a 28	MSM 23
51	_4A 3U	. 2.9 . ـــ. الم	4 35.		. Nai 35	SSM 35	SSE 33	หมอ 33
52	08 NF	44 33	WN# 31	SN *29	E 31	45A 34	NA 29	S 25
63	N 29	14 39	ESE 27	S 29	F 24	SE 31	E 31	N 25
54	W14 25	ਮ 2੪	ESE 31	S 26	NNW 31	\$ 30	NNE 41	5 <b>VE×3</b> 2
65	\$ 30	S *32	ਮ 35	S 20	SSE 25	WNW 32	\$ 2.4	NW 33
. 55	. A 2s.		NNM¥36	29	NL #24	NE 25	E 28	ε 33
57	4 45	NNE 30	474 28	SE 35	¥ 44	\$3E 17	SS4 23	A 55
•	N 23	NW 44	NE 28	SE 24	N 36	N 43	34/ 29	11/ 35
<b>5</b> 3	13/ 27	34/ 32		12/ 39	27/ 54	15/ 24	25/ 39	21/ 22
70	20/ 33	18/ 40	16/ 31	32/ 44	13/ 36	20/ 25	15/ 31	15/ 29
	13/ 25	23/ 35	35/ 42	36/ 50	13/ 50	337 72	21/ 32	09/ 42
<b>7</b> 2	35/ 32	33/ 44	35/ 52	14/ 28	12/ 23	17/ 25	25/ 36	16/ 42
73	15/ 52	36/*32	11/*37	29/ 33	32/ 30	15/ 33	30/*25	25/ 24
74	11/ 24	25/ 35	20/*27	*	18/ 33	15/ 37	06/ 32	27/ 32
75	19/ 45	19/ 30	24/ 28	23/ 59	28/ 39	34/ 49	36/ 27	137 33
<b>76</b>	32/ 40	237.30	317 39	_11/_23	287.31	327 32	13/ 25	31/ 25
77	31/ 30	27/ 33	19/ 37	34/ 29	12/ 27	os/ 22	13/ 39	14/ 34
<b>7</b> 3	29/ 37	31 34	36/ 26	30/ 26	25/ 63	06/ 26	16/ 42	08/ 39
79	23/ 40	. 39	27/ 35	16/ 33	31/ 33	02/ 31	30/ 37	30/ 30
30	05/ 34	20/ 33	32/ 30	32/ 35	13/ 24	24/ 23	33/ 44	15/ 39
81	14/ 13	34/ 40	23/20	19/ 27	32/ 48	33/ 34	23/ 25	327 23
32	32/ 32	32/ 23	02/ 28	33/ 28	21/ 34	25/ 31	36/ 25	17/ 35
<b>3</b>	31/ 30	35/ 32	11/ 31	23/ 40	20/ 25	35/ 35	03/ 22	17/ 25
34	34/ 29	25/ 36	31/ 35	197,34	27/ 34	34/ 25	12/ 37	23/ 32
35	03/ 34	31/ 33	33/ 37	32/*32	23/ 22	15/ 29	36/ 40	33/ 47
85	31/ 31	36/ 27	27/ 39	30/ 36	31/ 40	15/ 27	20/ 19	12/ 33
B <b>7</b>	28/ 32	20/ 37	29/ 39	31/ 27	20/ 35	20/ 23	04/ 42	23/ 25
3ø	32/ 26	32/ 23	30/ 25	12/ 37	15/ 35	06/ 24	33/ 29	08/ 30

PEAK SURFACE WINDS IN KNOTS
FROM SUMMER YEAR ATAC YEAR YEAR ATAC

=+3 5	GLAND AF	F3 LA					. ,	,	PERI	10 CC	F RE	соко: наия	56 \$\$ <b>‡</b>	10-3: ALL	810			
ા ગ્	MAY	Y	JUN	ال	IJL	Α	เบร		35P		CT		1D A		DEC		TWN -	
	• • • • • •									والمذالة ليو	*20	NNM	28	NL-J	2.1	دائذ الانس	ミクラ	
3-3	5 43	o 5=	<b>5</b> 5	NNE	26	SE	24	N	24	WHW	33	SA	50	MIN	27	٧	55	
32	W 25	5 ANW	27	SSE	28	SE	25	F	25	N	18	S	24	SSW	27	ς,	32	
M 2	SSE 3	4 11	23	N	39	ESE	24	NNE	30	ESE	38	S	30	NW	26	.4	39	
1 ذ	WN4 4	3 ENE	21	d .	28	MSM	23	E	27	Na	26	Na	30	NW	29	42%	43	
14.3	V 3.9	5 552	. 35	SSE	3.3	MME	3.3.	Ē.	30	N	×21		<u> </u>	. làn	42	Nid	:42	
.20		1 450	34	Vid	29	S	26	MSM	38	N	27	SSN	24	NNH	24	MSM: N : NNE	×3 3	
(1)		4 SE	31	<b>=</b>	3.1	N	25	MMai	24	£	20	NNA	27	SSW	*21	N -	×39	
اً عرا		1 5	30	มีพร	41	ENEW	32	Ē	25	N	40	11/4	26	SSW	33	NNE	*41	
20		5 ANA	32	S	28	Ми	33	KKK	43	ESE	19	hSH	24	M	30	NNW	*4B	
1.	N *2	4 34	2.5	C	2.9	ت	13	ai Mai	34	NW	33	NW	29	Nik	23	. Have	*40	
	V 4	4 955	17	554	73	ū	22	V	23	wsw	27	S	28	1.00	33	лч м ;;им	45	
	3:	7 332 6 N	43	34/	29	11/	35	17/	23	34/	3.2	25/	35	31/	37	NA	44	
29		4 15/	24	25/	39	217	22	32/	31	15/	24	35/	34	23/	44	27/	54	
4			25	15/		15/				30/			30	12/	55	27/ 34/	44	
	13/ 5	3 337	7.7	21/	3.2	097	4.2	127	34	13/	25	937	3.0_	27/	. 35	337	72	
3				25/	36	16/	42	30/	34	02/	29	10/	39	32/	32	33/ 35/ 15/	52	
3				30/*	25	25/	24	117	25	15/	28	19/	23	29/	37	15/	¥5.2	
1	18/ 3		37					36/	33	09/	22	32/	25	15/	24	19/	<b>*</b> 3H	
3			49	36/		151		33/	23	36/	24	29/	29	13/	24	13/ 23/	58	
3	23/ 3	1 327	/ 3.2	13/	25	317	26	. 27/	22	33/	.25_	31/	_27	33/	29	31/	. 39	
	12/ 2		22	13/	30	14/	34	23/	38	33/	25	24/	27	02/	30	23/	33	
	25/ 6		26	16/	42	08/	39	22/	29	01/	28	15/	28	31/	30	23/	63	
			/ 31	30/			30	10/	30	19/	35	137	30	32/	35	29/ 3 <b>3/</b>	40	
2	13/ 2	4 24/	23	33/	44	15/	39	12/	30	02/	40	14/	36	07/	27	33/	44	-
Ι,	32/ 4	גבנ פ	34	23/	2á	327	23	<b>35</b> /.	27	.01/	_23	12/	27	20/	23	32/	43	
			31	35/	25	17/	35	11/	30	33/	21	36/	26	17/	37	17/	37	
10	20/ 2		35	03/	22	17/	25	14/	31	34/	24	30/	37	15/	<b>*2</b> 8	29/	<b>*4</b> 0	
],			25	12/	37	23/		157			32		34	16/	28	23/	38	
2	23/ 2		/ 29	36/		33/	47	29/	25	02/	42	13/	24	32/	26	29/ 23/ 33/	*47	
Į,	31/ 4	ردا Q ددا	/ 27	20/	19	12/	33	15/	27	36/	29	. 25/	23	02/	25	31/ 16/	40	
	2)/ 3			24/	42	237	23	29/	2 ತ	32/	27	16/	52	13/	35	16/	52	
17	15/ 3		/ 24							3ŭ/						12/	*37	

OPERATING LOCATION 'A' USAFETAC. ASHEVILLE NO PEAK SURFACE MINDS IN KNOTS FROM SUMMARY OF DAY DATA

STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA

LST ID UIC: +06

JAN FEB MAR. APR MAY JUN JUL AUG

GREATEST 15/ 52 NW 44 N 55 23/ 58 25/ 53 33/ 72 33/ 44 33/ 47

IHE PEAK WIND JR 72 FROM 33/ JCCURKED JN 06/22/71

MOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 907 25 CATE STHE VALUE IS 100 OR GREATER WITH LESS THAM 90% OF DATA

					0040: 561 HDURS: A			
• •	JJL	AUG	ζĒb	JCT	NDA	DEC	AN"	
1	• • • • • •	• • • • • •	• • • • • • • •		• • • • • • • •		-	
							- · · ·	
			· · · · · · · · · · · · · · · · · · ·					
33,	/ 44 3	3/ 47			16/ 52	28/ 44	33/ 12	
	971	982	<b>953</b>	972	927	959	11410	
	5/22/71							
T 14	ΔN 90%	TE DATA	AVAILABI	E FOR	THE MONTH	1		

1

C - 2 - 13

OPERATING LUCATION 'A' USAFETAC, ASHEVILLE NO

## PERCENTAGE FREDUCISION OF DOCUMENTO TO DATA

STATION NUMBER: 747540

STATION NAME: ENGLAND AFR LA

LST TO UTC: +36

• • • • • • • • •	• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		20 30EE02	IN KNO	 
אדאריי	CALMER	5=9	10-14	15-19		25-27		
JAV	1.1	15.5	33.)	25.3	14.2	5 · 3	2.4	• 7
<u> 553</u>	• 4	11.0	29.5	23.0	17.7	a , 13	3.5	1.0
MA-5	• 2	7.7	25.)	29.3	20.5	10.0	3.0	1.7
40%	• 1	5.2	28.7	31.9	20.0	9.2	2.3	1.3
4 <b>4</b> Y	. 1	7.7	35.1	32.1	16.5	4.)	2.4	. 1
<b>1</b> 0.4	• 1	12.5	45.4	23.3	11.1	3.5	1.3	٠5
J:J[_	 • •	25.2	37.2	21.9	10.5	5.9	2.1	1.1
AUS	1.1	22.1	35.5	21.2	13.2	3.7	1.3	• ⁴
ς <u>τ</u> ρ	. 1	?1.6	41.8	22.5	3.2	2.3	1.9	. 3
JOT	• 5	21.1	43.7	22.4	3.0	2.7	• 5	. 3
สอง	• 4	15.5	37.0	23.3	15.5	5.9	1.3	• 5
OEC	1.0	19.4	31.5	24.0	14.1	∺. q	2.7	• 4
ANNUAL	• 5	15.1	35.6	25.5	14.2	5.7	2.2	. 3

# PONTH DASS FREQUENCY OF DOUBRRENCE OF DAILY PEAK HINDS. FROM SUMMARY OF UAY DATA

PI CNGLAND AFR LA

PERIOD OF PECORO: 5510-8310 MONTH: ALL HOURS: ALL

19	AIN 20 <b>-</b> 24	ia seseas 25-29		-	40-49	50=64	GE 65	MEAN OVIH	MAICEM CPIN	TOTAL JoS
	14.2	5.3	2.4	, , , , , , , , , , , , , , , , , , ,	• • • • • • • • •	.1		15.7	15.0	932
I										3H <b>7</b>
.0	17.7	ત.∪	3.5	1.0	. 1	.)	• 0	17.7	15.0	
. 3	23.5	10.0	3.5	1.7	• 3	• 2	C.	17.7	17.3	755
• •	20.0	3 · 2	2.3	1.3	.3	• 2	• 0	17.5	17.0	( <del>f</del> c
. 1	16.5	4.0	2.4	• •	• 3	. 3	• )	15.5	15.0	930
. 3	11.1	3.5	1.3	• 5	. 4	• 1	.1	15.0	14.0	951
• 9	10.5	5.9	2.1	1.1	• 6	• 5	٠,	14.3	13.0	971
. 2	13.2	3.7	1.3	<b>.</b> a	• 4	• 0	• 0	14.4	13.0	932
•	3.2	2.9	1.9	. 3	• 2	٠٥	٠,	13.9	13.0	933
4	3.0	2.3	• 5	• 3	.3	.0	. 3	13.4	12.0	972
5	15.5	5.9	1.3	• 5	• 1	• 2	• ၁	15.3	14.0	927
<b>j.</b> )	14.1	5.9	2.7	• <del>1</del>	.2	• 0	. )	15.3	14.0	<b>359</b>
-	14.2	5.7	2.2	. 9	. 4	• 1	•0	15.5	14.0	11410

•			ATVILLE NO		And the second of the second o							
	STA	T[04 4J36]		i S	st to ut	rc: + 6						
=		(DEGREES)	1-4	5-3	10-14	15-19	AIND SPEED IN KN. 20-24 25-27 30-	DIS -34 30-37 4				
		350-016					• • • • • • • • • • • • • • • • • • • •					
		320-343	4.3	3.5	1.2	. 1						
	-	050-010	2.5	1.5	2							
	(3)	030-100	1.3	• 5								
		110-130	2.4	1.5	• 2							
		140-150	4.7	1.3	4							
	(5)	170-195	2.5	• 4	. 1							
		200-220	1.1	• B	.1							
		230-250	1 _C		2	•						
	(4)	260-240	2.5	. 3	.1							
		230-310	2.3	1.5	1.0	•1						
		320=340	1.9	3.9	1.7.	4.						
		VARIABLÉ	• • • • • • • •	• • • • •	• • • • • •		J • • • • • • • • • • • • • • • • • • •	) • • • • • • • • • • • • • • • • • • •				
		CALM	////////	/////	//////	1111111	///////////////////////////////////////	!!!!!!!!!!!				
	1	TITALS	37.	20.7	7.7	1.0	<del></del>					
		÷			TC	ITAL NUM	MBER OF OBSERVATION	<b>4S</b> 930				

and the second of the second o

. .

and the control of th

C - 4 - 1

T BOOURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED # FIRELY DBSCRV4TIONS

i ) <u>I</u>

. IN KNOTS -27 -30-34 -35	-39 41-4	9 50-54		TOTAL	MEAN MIND		
	• • • • • • • •	• • • • • • •	• • • • • • •	10.0	7.1	5.0	
				9.1	5.5	5.0	
				4.3	4.9	4.0	
				2.5	3.6	3.5	
				4.1	4.5	4.0	
				7.1 .	4.2	4.3	
				3.4	3.5	3.5	
				1.9	4.7	4.0	
	-			15	4.3	ن . د	
				2.9	2.9	2.0	
				5.5	5.5	4.0	
	ar tan marana				12	7	
	•••••	• • • • • • •	• • • • • • •	• • • • • •			
///////////////////////////////////////	/////////	/////////	///////	39.6	/////	111111	
				100.0	3.2	4.0	
RVATIONS 93	0			• • • • • • •	• • • • •	• • • • • • •	

C - 4 - 1

DPERATING LDC USAFETAC, ASH			PERC	ENTAGE				CH SURF.	
STATION AIMPE	747540		א אכז זא זט מז ז	AME: EN	A CHAJO	=3 L4			3 / 9 404
)!RECTI 174		5=:) 	10-14	15-19		PEED IN 25-27		3,-37	41)-4
(N) 350-010	2.9	5.3	1.5	.2	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
020-040	5ສໍ	4 • E	. 5						
350 <del>-</del> 07 <u>0</u>	2.3	1.5							
(E) 080-100	2.2	• 5							
110-130	3.3	2.2	• 3						
	4.5	1.5	. 4.5 _						
(S) 170-190	1	• <b>3</b>							
200-220	1.5	• 4							
230-250	• 3 .	• 2	1	4					
(A) 260-280	1.5	. 4	• 1	• 1	. 1				
290-313	2.5	2.2	. 2		• 1				
320-340	3.2	3.5	. 2.6						
VARIABLE	* * * * * * * * * * *	• • • • •		•••••	•••••	•••••	• • • • • •	•••••	• • • • •
CALM	/////////	11111	//////	//////	//////	//////	//////	//////	/////
TOTALS	32.9	23.6	5.1	. 4	• 2				
			כז	TAL NUM	BER DE	J35ERV4	SPEIT	73)	

· - 4 - )

-	BOOURRENCE	SURFACE	CKIN	DIRECTION	VERSUS	CPIK	SPEED
3 .4	HOURLY DBSER	SPETTAYS					

£4	иантн	MAL :	HJUR	73 - 67 VLV S: 03-08	5	3	
FC IN KNOTS 5-2) 30-34 35-39	40-49	50-64	GE 55		MABM GKIN	GRIM	- · · · · · · · · · · · · · · · · · · ·
「·······	• • • • • • •	•••••	•••••	10.2	5.4	5.0	
				11.2	4.9	4.0	
				.3.9	4.1	4.0	
				2.3	3.7	3.0	
				5.2	4.3	4.0	
	-			6.7	4.3	4.0	
				2.6	3.7	3.0	
				1.9	3.1	2.5	
				1.1	4.1	3,0	
				2.4	4.9	3.0	
				4.9	5.1	4.5	
				9.5	5.9	7,0	
			• • • • • •			• • • • • •	
///////////////////////////////////////	///////	///////	//////	36.7	//////	/////	
				100.0			
SERVATIONS 730				100.10	702	,,,	
					• • • • • •	• • • • • •	

. . . . \_ 1

. 1

~ - 4 - 2

MPERATING EMCATION "A" PERCENTAGE EREQUENCY HE DOCUMBENCE SHREACE A USAFFTAC, ASHEVILLE MC FROM HOUYLY JESERVATTINS STATION NUMBER: 747540 STATION NAME: ENGLAND ARB LA 375 g 1 LST TO UTC: + a 40:41 WIND SPEED IN KNOTS 010001134 1-4 5-9 10-14 15-19 20-24 25-21 39-34 35-31 **(**08642683) (4) 350-010 4.5 1.7 . 1 020-040 F. . 7 2.3 . 1 4.3 253-376 2.3 3.2 • 5 (F) 930-100 2.7 2.5 • 1 110-130 1.0 4.1 3.2 140-150 5.10 1.7 . 1 3-9 • 3 (S) 170-190 1.5 1.4 - 5 200-220 1.3 1.5 . 1 230-250 1.5 1.3 • 6 (4) 260-230 • 5 290-310 3.) 3.0 1.9 320-340 3.3 VARIABLE TOTALS 35.0 37.5 13.1 TOTAL NUMBER OF DRISEPVATIONS 950

c - 4 - 4

ì	DENCY OF	900081	SENCE	SURFACE	CMIW	DISECTION	<b>VERSUS</b>	MI 40	SPEED
4	트립티션	HURLY	Jeses	RVATI 145					

24 25 <b>-</b> 2) 	30=34	35-39	40-43	50-64		TOTAL		MEDIAN
, 1	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	9.9	5.4	5.3
						12.4	6.3	7.0
						b+\$	5	4) .
						5.3	4.8	4.0
						8.3	5.6	6.0
· ··· -		and displayed the Constant of the State of			-	-133	57.	5.A.
						3.3	4.7	5.0
						3.4	5.0	5.0
1		ere en				2.4	-5+0	5.0.
						3.2	5.1	4.0
						9.2	5.5	5.0
)  • å							7.5_	7.0
· · • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •
,	(((((()	//////	//////		//////	11.7	/////	111111
1/////////								

PERCENTAGE FREQUENCY OF ACCURRENCE SURFACE SPERATING ESCATION "A" FROM HOUSEY GOSEAVATTOUS USAFETAC, ASHEVILLE NO STATION NAME: ENGLAND ARD LA STATION NUMBER: 747540 LST TO UTC: + 6 4.1 WIND SPEED IN KNOTS 5-7 10-14 15-19 20-24 25-27 37-34 35-39 47-DIRECTION (DEGREES) (4) 350-010 2.3 4. ) 1.8 . 1 020-047 4.2 1.5 4.1) . 1 2.2 2.3 - 1 . 1 050-070 (F) 080-100 3.1 1.4 110-133 3 . . 2 4.3 • 6 140-150 3.2 4.1 1.5 (5) 173-175 1 . . . . 2.2 1.3 230-220 1.4 3.3 1.1 2.2 230-250 1.0 • 9 (a) 260-280 2.4 1.5 • • 5.3 1.7 1.2 .2 290-313 4.2 320-340 3.1 3.5 3.5 • 5 .1

TOTAL NUMBER OF DRISERVATIONS 330

( - 4 - 5

FROM HIJPLY DISERVATIONS

FROM HIJPLY DISERVATIONS

45 SP880 IN KNOTS 9-24 (25-2) 30-34 (35-39)	40-49 50-64			CMIP NEVI	
· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	9.7	5.5	7.0
			9.9	5.0	5.3
			4.4	5.3	3.4
			4.5	3.8	4.0
			3.2	5.5	5.0
			<b>3.</b> 3	6.2	5.3
			5.3	5.7	7.0
			5.9	6.3	7.0
			4.9	5.ಜ	5.0
			4.7	5.4	4.5
• 2			12.5	7.3	7.0
• 1			13.7	7.5	7.40.
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • •	• • • • • • •	) <b></b>	• • • • • •
//////////////////////////////////////	//////////////////////////////////////		7.1	//////	/////
UE DROFFSVATIONS 930			100.0	5.9	5.0

C - 4 - 5

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF LOCURKENCE SURFACE WIVE USAFETAC, ASH-VILLE NO FR 34 131724 1635275711165 STATE DY NUMBER: 747845 STATION NAME: ENGLAND AFE LA 20181 LST TO UTC: + 6 40 11 41 WIND SPEED IN CAITS 013001104 5-9 10-14 15-19 20-24 25-29 30-34 37-30 1-4 (DEGREES) (N) 350-319 020-043 5.5 4.4 • b 253-373 2.5 1.5 . 4 (E) 080-130 2.2 1.1 . 1 • 1 110-130 4.2 2.3 143-150 4.6 2.3 • 3 . 1 (5) 170-199 1.5 • • • 3 200-220 1.1 • 3 • 2 233-250 1.7 . 3 (4) 250-233 1.2 • 4 290-310 .9 .1 .1 3.4 1.3 323-340 2.0 3.7 2.3 VARIABLE CALM THEALS 34.3 24.4 5.5 .2 .1 TOTAL NUMBER OF INSERVATIONS 330

- 4 - 3

FACA	7=	JOOURK	RENCE	SURFACE	4177	DIRECTION	VERSUS	CALL	SPEED	
_ ≟ ર ે	) y 🕟	133REY	38553	CELLIAN						

SHIRC CCIPER AND CLIPER AND CLIPE	สติปสร	S: 06-09	3		
SPECD IN KNOTS • 25-29 30-34 35-39 40-47 50-64		4	di lid	MIND	
<b>p</b>	• • • • • •	9.7		5.0	
		10.6	4.3	4.0	
		4.3	4.5	ન . ડો	~
		3.3	3.9	4.3	
		7.1	4.4	4.)	
		7.5	4.7	4.0	
		2.0	4.3	3.0	
		1.5	4.5	3.0	
		2.9	3.3	3.0	
		1.6	3.3	3.0	
1		5.3	5.5	4.0	
		9•J	5.5	7.3	
• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • •	• • • • •	• • • • • •	
///////////////////////////////////////	///////	34.2	/////	/////	
1	-	100.0	3.3	4.3	
F NASSERVATIONS 930					

5 - 4 - 3

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC USAFETAC, ASHEVILLE NO FROM HOURLY UBSERVATION STATION NUMBER: 747540 STATION NAME: ENGLAND AFR LA LST 10 UTC: + 6 WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-30 4 (DEGREES).... (N) 350-010 5.9 2.7 4.3 3.7 020-040 3.2 2.2 050-070 3.5 1.7 • 6 (8) 080-100 1.3 1.4 • 9 110-133 3.1 5.4 . 1 140-150 1.7 • 5 3.5 •3 (5) 170-170 1.3 2.6 , A 200-220 2.0 2.3 1.1 230-250 .. . 2.5 1.5 .2 (a) 250-250 2.0 2.4 • 9 . 1 230-310 2.7 3.7 1.3 • 3 •5 •1 325-343 4.6 Z. 3. 3. 3. VARIABLE 34.1 40.7 14.9 1.1 .5 .1 TOTAL 5 TOTAL NUMBER OF OBSERVATIONS 930

r = 4 = 6

	B LA	• • • • • •		HTACK	MAL :	ECORD: HJUR	S: 15-17	-		
	25-29					GE 65		MEAN	MEDIAN	
• • • •	• • • • •						12.3	6.4	- 6.0	
						-	9.0	6.1	5.5.	
							5.9	4.5	4.0	
							3.2	4.4	4.0	
							9.5	5.9	.6.0	
							6.1	6.5	6.0	
							5+2	5.9	5.5	
							5.9.	6.2	<b>5.</b> 0	
		**************************************	<del></del>				4.2	4.5	4.0	
• 1							5.3	5.8	5.0	
•5	.1						9.1	8.0	7.0	
					· · · · · · · · · · · · · · · · · · ·		15.4	7.0	1.0	
• • • •	••••	• • • • • •	· <del>• • • • • • • •</del>	* * * * * * *	•••••	• • • • • •	• • • • • • •	•••••	*****	
////	//////	///////	·/////////////////////////////////////				S. 3	111111	111111	
.5 OF O	.1 BSERVAT	TIONS	930				100.0	5.7	5.0	_
									· <del>····</del>	

C = 4 = 6

--

)

M D E			B LA	A UVA.			NCITA U OT T		747540	LION NUMBES:	STA
• • • •	• • • • • • •		PEED IN		• • • •	• • •	• • • • •	• • • • •	• • • • • • •	• • • • • • • • • • •	• • •
47-	35-39	37-34	25-24	20-24				<del></del>		DIRECTION ( <del>DEGREES)</del>	
• • • •	• • • • • • •	<b>,</b> .	•••••	• • • • •	• • • •		1.9		4.7	350-910	
							1.5	3.9	4.5	020-040	
							4	3.1	3+5	050-070	
								1.4	3.9	030-100	(€)
			-		. 1		• 2	1.3	4.3	110-130	
···					<b>-2</b>		4	1.4.	3. 1	140=150	
					. 1		• 1	1.9	6.9	170-190	(5)
							• 1	1.2	1 + 4	200-220	
<u>.</u>									- <b></b>	230-250	w
				•1	• 2		•1	• 3	1.0	260-280	(4)
				• 3			• 4	2.2	3.1	290-310	
	······································				-2		1.2	-2+d=	4.6	320-340	
••••	•••••		••••	••••	• • • •	• • •	• • • • •	• • • • •	•••••	• • • • • • • • • • •	•••

the second of the company of the com

	<del>CCURRE</del> URLY :				1.40	918	ECTI	JN VE	RSUS	.₩ Į n	ND-	SPEF (	<b>)</b>				
LA					ITH:	- J44		HÜÜS	\$: 1	<u>9=2(</u>	0						
ED IN	KNOTS 30-34	35.	- 39	40-4	9	50-6	4 GE	65	10	TAL	М	EAN IND	MĘ.	DIAN IND		····	
• • • • •	• • • • •	· • • • •															
								-	. 9	<b>.</b> 9.	!	5.5	•	5.0	-		
	<del>-</del>								7	•1		5.0		4.5			
									. 5	• 3		3.7		3.0			
									- 5	• 9	(	4.3		4.0			
		<del></del>							5	<del>. 2</del> .		4.3		4.0	<del></del> -	 	
	-	÷	÷						9	•0		4.0		4.0			
									3	•1-		4.3	. (	4.0			
		<del></del>								.5_		2.2		2.0	<del></del>	 	
						. =			1	. 7.	_ 1	5.7		4.0			
							-		.6	• Q		5.7.	. •	4.0			
r - Promote vision (		· <del></del>							8	<u>. B</u>		5.5		4.0			
• • • •	-	• • • • •					• • • •					• • • • •			 		
		function of the														 	
				<u></u> +							<del>-</del> -	. <del></del>					

The state of the s

VARIABLE

.

4L NUMBER OF JASERVATIONS 330. ... and the second s The second secon and the second of the second o 

The second secon

the state of the s

OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE USAFETAC, ASHEVILLE NO FROM HOURLY DBSERVATION STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA LST TO UTC: + 6 WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-27 30-34 1 - 4 - (DEGKEES) -(N) 350-019 1.8 2.3 020-040 3.9 1.6 5.1 . 1 050=070 4.6 1.9 .....2 (E) 030-100 3.7 • 5 • 2 110-130 3.2 1.5 • 3 .5. 140-160 4.1 1.5 (S) 170-190 4.4 • 6 • 4 200-220 2.3 . 9 • 1 230-250 .... 1.3 .... 2 ... •1 . . (4) 250-220 2.3 • 2 • 3 . 2 290-310 3.1 • 3 • 5 •3 320-340 2.6 2.3 \_\_\_1.9 \_\_\_1 VARIABLE CALM TOTALS 39.0 19.3 7.9 .8 .2 TOTAL NUMBER OF DASERVATIONS 939

^ = 4 = 5

## FREQUENCY-OH OCCURRENCE SURFACE WIND DIRECTION-VERSUS-WIND SPEED---FROM HOURLY OBSERVATIONS

• • • • • • • • • • • • • • • • • • •				• • • •
20-24 25-29 30-34 35-39 4	0-49 50-64 GE			
				6.0
				6.0
		7.0	4.3	3.0
		4.4	3.5	3.0
		5.2	4.3	4.0
		6.2	4.2	4.0
en e		5+5	3.8	4+0
		3.2	4+0	4.3
* * * * * * * * * * * * * * * * * * *		1.5	3.9	3.0
		3.0	4.5	2.0
•1		4.4	.5 • 7	4.3.
		6.9	6.9	5.0
	••••••••	• • • • • • • • • •	· · · · · · · · · · · · · · ·	••••
			////////	///
• 2			3.4	4.0
	** **			

C - 4 - S

.⊃ :: M <u>M</u>	LA	GLAND AF				747540	TATION NUMBER:
ការៈ • • • • • • • • • •	, <b></b>		• • o	r ta ut	L)		
35-39 40-	ED IN KNOTS 5-29 30-34		15-19	10-14	5-9	1-4	DIRECTION
*****		******			na a a arara	* * * * * * * * * * *	(DEGREES)
• • • • • • • • • •		.0		2.0	4.5	3.4	N) 350-010
			• 1		4.3	4.5	020+040
		• 0	• 0	• 3	2.0	3.1	050-070
				. 1	1.2	2.7	E) 080 <b>-1</b> 00
			• 0	• 5	2.9	3.4	110-130
			• 1	• მ	2.9	4.0	140-150
			• 0	• 4	1.3	2. 1	S) 170-190
			• 0	• 4	1 • 4	1.5	200-220
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			• 2	• 6	1.3	230-250
		• 3	• 1	. 4	. 7	1.7	4) 260-230
	• )	• 2	• 3	1.1	2.5	3.2	290-310
		• 0	• 3	2.4	4.2	3.4	320-340
• • • • • • • • • •		• • • • • • •	• • • • •	• • • • • •	• • • • •	• • • • • • •	VARIAGLE
+++++++++	' <i>++++++</i>	1111111	+++++	111111	4444	+++++++	CALM
		• 2	1.0	10.0	29.0	35.3	TOTALS

^ - 4 - 2

AND A				HIVOK	JAN	CORD: N	: ALL		
20-24	PEED 14 25-29	30-34	35-39	40-49		GE 65			
	• • • • • •	******	******	• • • • • •		***	<sup>7</sup> ⁄ <sub>4</sub>	AT ND	Chlh
.0	•••••			******		*******	10.3	6.4	6.0
					-		10.3	5.7	5.0
• 0							5.5	4.8	4.0
							3.9	3.9	4.0
							6.3	5.0	4.0
							7.7	5.2	4.0
							4.5	4.6	4.0
							3.4	5.4	2.0
							2.3	4.5	4.0
• 3							3.1	5.0	4.0
• 2	. )						7.3	6.4	5.0
• 0							10.3	7.0	5.0
•••••		• • • • • •	• • • • • • •	• • • • • •					•••••
•2	<i>!                                    </i>	++++++	<i>++++++</i>	<i>'++++++</i>	<i>                                     </i>	1111111	100.0		5.0
ER OF :	JHSERVA	ZNCLT	7440						

· - 4 - 7

OPERATING LOCUSAFETAC, ASS			PERCE			FROM	FRUCE	L <b>Y</b> 5	SERVATI	
STATION NUMBER		ST LS	IT TO UT	AME: E! C: + 6		A=0 L	. 4			PERI MONT
		• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • •	• • • • •	• • • • • •	• • • • •
CATEGURY A:	CEILING SE									F 1/2
	VISIBILITY	GE 1	72 MILE	(0800	METERS	S) RUT	LESS	THAN	3 '11LC	
DIRECTION	1-4	5-9	10-14	15-19	41 ND	SPEE0 4 25≈	1M K 29 3	NBTS 0-34	35-33	40-43
(3,9%9,8%)										
(N) 350-010							• • • • •	• • • • •	• • • • • •	• • • • •
020+040	7.3	6.9	2.2	• 1						
050-070	4.0	2.3	•1					÷ 1		
(F) 0a0-100	3.0	1.4	•1							
110-130	3.3	3.0	• 3	• 1						
140-150	3.4	4.5	1.2	•1						
(3) 170-140	2.1	1.1	• 4							
200-223	1.7	•3	• 1							
230-250	• <b>5</b>	• 4	.1			-				
(W) 260-230	• 4	• 3	• 3	•1						
290-310	1.1	1.5	•6	•1	• :	2				
320-340	2.3	6.3	3.9							
VARIABLE	• • • • • • • • • •	• • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	••••	• • • •	•••••	• • • • •
CALM	////////					/////	/////	////	//////	//////
PATEL	33.6					3				
•••••		• • • • •	TO:	· · -	48ER 01		RVATI	34S	1452	• • • • •

c - 4 - 10

## MENCY OF DOCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED. FROM HOURLY DESERVATIONS NO AFR LA PERIOD OF RECORD: NOV 78 - OCT 38 MONTH: JAN HOURS: ALL FEET WITH VISIBILITY OF 1/2 MILE (0400 METERS). And the control of th PAS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET. NO SPEED IN KNOTS -24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN 17.3 6.7 4.3 5.6 5.0 16.5 6.4 ....4.2 ... 4.0 .... 4.5 3.8 3.0 5.0 4.5 6.6 9.4 . 5.0 . 4.3 3.7 4.6 4.3 2.5 4.1 4.0 1.1 4.3. 4.3. 7.1 5.5 1.1 3.6 7.2 6.0 . 2 100.0 5.0 5.0 • 3 2 DE DASERVATIONS 1452

	ERATING LOC AFETAC, ASH			PERC	ENTAGE		DRRENCK SURFACE AIS LY DESCRIATIONS
STA	SHNUN NOITA	२: 74754)		N NCITAT		IGLAND AFB LA	PERT MINTH
• • •	(DEGREES)			_	15-19	WIND SPEED IN A 20-24 25-11 3	
	350-010	3, 4			•••••	••••••	• • • • • • • • • • • • • • • • • • • •
	020-040	5.1	2.9	. 4			
	050-070	3 + 1	2.3	• 0	• 1		
( { { } { } } )	080-100	1.3	• 2	• 1			
	110-130	1.7	1.3	. 7			
	140-150	5.3	2.5	2.0	.1	• 1	
(3)	170-190	3.3	2.1	. 4			
	200-220	3.1	1.4	. 1			
	230-256	2+1	.9	•2			
(4)	) 250 <b>-</b> 280	2.3	• 6				
	290-310	2.9	2.5	• B	.1	•1	
	320-340	2.3	4.2	• 7	. 4		
•••	VARIABLE	••••••	••••	•••••	• • • • • •	• • • • • • • • • • • • •	••••
	CALM	/////////	/////	///////	///////		111111111111111111111111111111111111111
	TOTALS	32.4	26.5	5.6	. 7	• 2	
				<b>T</b> .)	ITAL NUM	HER OF DESERVATI	INS 33+

Y 18 OCCUPRONCE SURFACE WIND DIRECTION VERSUS WIND SPEED CACTITAVS SEEL ADSULT ME PERIOD OF RECORD: NOV 75 - OCT 35 MONTH: FEB HOURS: 00-02 CED IN KNOTS 25-13 30-34 35-39 40-49 50+64 GE 65 TUTAL MEAN MEDIAN 9.3 5.4 5.0 4.4 4.4 4.0 5.5 5.4 3.9 3.5 1.5 3.9 5.5 5.0 10.5 . 5.4 . \_ 4.0 ..... 6.2 4.1 3.0 4.6 3.9 4.0 . 3.3. 4.0 3.4 3.6 3.0 5.9 5.0 100.0 3.7 4.0 BASEKVATI INS 349

NCF SURFACE		ROM HOS					:	HEVILLE NO		
ت بر		B LA		<b>:</b> + 6	VCIT ) TU OT	STAT	,	ER: 747540	SMUR ROLL	STA
35-39 40	KNTTS 30-34	25-2)	29-24	15-19	10-14	<del>-</del> 7	5-		OIRESTION ( <del>OEGREES)</del>	•
	• • • • • •	• • • • • •	• • • • • •	• • • • • •				4.3		
					• 2	, 5	3.	5.5	020-040	
		· · <del>-</del>			. 7	<b>.</b> 9.	4.	- 2+4	050-070	
						. 1	1.	2,2	080-100	(F)
					. 4	. 4	2.	2.3	110-130	
					. 9	. 1	3.	3.3	140-160	
					. 2	. 9	1.	2.7	170-190	(5)
				• 1	• 2	• 2	1.	2.4	200-220	
	=-					• <del>(</del>		14	230=250	
					• 2	. 0	2.	2.9	260-230	(4)
			•1	• 2	•6	. 2	2.	2.1	290-310	
				• <b>5</b> .	. 1.3	. 2	3.	<b>2 • 6</b>	320-340	•
• • • • • • • • •		• • • • • •	• • • • • • •	••••	• • • • • •	••••	• • • •	•••••	VARIABLE	•••
//////////	//////	//////	//////	/////	/////	////	////	11/1/1/	CALM	
			• 1	• ♂	5.3	• 5	29	35.3	TOTALS	
349	ZNEIT	JB SERVAT	BER OF (	AL NUMI	<b>T</b> 01					

D AFB LA		С1959 И <b>ТИОМ</b> -	: FEB	- HOUR	St -03=05		В	
	KATIS 30-34 35-39	47-49	50-64	GE 65		MEAN		
• • • • • • • • • •		• • • • • • •	• • • • • •		12.4		• • • • • •	
					9.3	4 -4	- <del>4 -</del> 0	
		<del></del>			5.2	-5.3	4.5	
	<u>-</u>				3.3	4.3	4.0	
					5.5	4.3	4+0	
·					7.3	5.3	<del>5+0</del>	
					4 <b>.</b> 8	4.3	4+0	
	<del></del>	-			3.9	4+5	3+9	
مغييية بالمدراء المدارات					2.0	3.9	4.0	
		-			·· 5 • 2	4+6	··· 4 • · · )	
• 1					5.3	6.2	5.0	
the same of the sa	to a parameter from the contract of the contra				7.5	6.7	7.0	
• • • • • • • • • • •	****	•••••	•••••	****	*******		5°5') + 5 5 5:	
///////////////////////////////////////						/////	111111	
. 1					100.0	3.7	5.0	
OF OBSERVAT	IONS 349	- · · · · · · · · · · · · · · · · · · ·	·•-• •-• •	•••••	•••••	••••	****	,
and the second s		·						

and the second control of the second control

N NAME: ENGLAND AFB LA	<u>ي</u> ر
OUTC: + 6	MG!
WIND SPEED IN KNOTS 0-14 15-19 20-24 25-29 30-34 35-	37 40-
1.4	• • • • • •
1.1 .1	
÷5	
• 5	
• 4	
•1	
• 4	
•4 •1	
1.1 .2	
1.1 .1 .1	
	•••••
	//////
7.8 .5 .1	
TOTAL NUMBER OF ORSERVATIONS 849	

PFED IN KNOIS 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN  10.8 5.5 5.0  10.7 5.5 5.0  7.5 4.6 4.0  4.6 4.9 4.0  8.2 4.4 4.0  7.2 5.3 4.0  3.1 4.7 4.0  1.8 4.9 6.0  2.6 6.1 4.0			
10.8 5.5 5.0  10.7 5.5 5.0  7.5 4.6 4.0  4.6 4.9 4.0  8.2 4.4 4.0  7.2 5.3 4.0  3.1 4.7 4.0  1.3 4.9 6.0  2.6 6.1 4.0		9 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN	
7.5 4.6 4.0  4.6 4.9 4.0  8.2 4.4 4.0  7.2 5.3 4.0  3.3 3.8 4.0  3.1 4.7 4.0  1.3 4.9 6.0  2.6 6.1 4.0	• • • •		
4.5       4.9       4.0         8.2       4.4       4.0         7.2       5.3       4.0         3.3       3.8       4.0         3.1       4.7       4.0         1.3       4.9       6.0         2.6       6.1       4.0		10.75.55.0	
8.2 4.4 4.0  7.2 5.3 4.0  3.3 3.8 4.0  3.1 4.7 4.0  1.3 4.9 6.0  2.6 6.1 4.0	-	7.5 4.6 4.0	
7.2 5.3 4.0  3.3 3.8 4.0  3.1 4.7 4.0  1.3 4.9 6.0  2.6 6.1 4.0			
3.3- 3.8 4.0. 3.1 4.7 4.0 1.3 4.9 6.0 2.6 6.1 4.0		B <sub>+</sub> 2 4 <sub>+</sub> 4 4 <sub>+</sub> 0	
3.1 4.7 4.0 1.3 4.9 6.0 2.6 6.1 4.0	n	7.2 5.3 4.0	
2.6 6.1 4.0			
2.6.6.4.4.0			
		1.3 4.9 6.0	
5.0 6.7 7.0		2.6	
9.7 5.7 5.5		9.7 5.7 5.5	
	,	100.0 4.0 4.0	
100.0 4.0 4.0	79SE	VATIONS 849	
	· ~-		

----

4 - 13

	OPERATING LOCAL USAFETAC, ASHE			PERC	ENTAGE.	FREQUE		OURLEI OURREI		
	STATION NUMBER		LS	ST - TO UT	1C: + 6		AFB LA			2 E (
	DIRECTION 40EGREES)	1-4		10-14		MIND.	SPEED 1:			49-
	(4) 350-910	3.2	5.2	1.8	-1	-			• • • • • •	. • • • •
	020-040	2.7	5.2	1.6	•1					
		<del>5-1</del>	35.				~~~	ALEKSTER STEER		
	(E) 030-100	4.6	2.5	.4					-	
	110-130	3.5	3.5	1.2						
<u></u>	140+160	5.4.	5 <b>.</b> .3	1.3.	4					
	(S) 170-190	1.9	2 • 4	•6						
	200-220	2 • 1	2.2	•6						
	230-250	1.4.	-1+4	8	1				· · · · · · · · · · · · · · · · · · ·	
	(4) 250-230	1.3	1.1	•7	• 2					
	290-310	1.4	2.2	2 • 2	•9	<u>.</u> 5	<b>.</b>			
	320-340	2.0	4.2	3.4.	2	1	r			
	VARIABLE	, <b></b>	••••	*****	. • • • • • • •			• • • • • • •	• • • • • • •	
	CALM	/////////	/////	1111111	11/1///	(111111	1111111	//////	///////	////
	TOTALS	35.5	33.9	15.2	2.0	• 6	<b>)</b>			
				TO	TAL NUI	MBER OF	JbSE₹V	RICITA	849	•

LAND AFB LA			OF REC						
WIND SPEED IN.	KNOTS								
20-24 25-29	30-34 35-39	40-49	50-64		TOTAL				
•••••	• • • • • • • • • • • • • • • • • • • •				• • • • • •				
					10-2	6+4	= <b>5⊕</b>		
			· · ·		9.7	6.4	6.0		
				~	<del>9.2</del>	4.9	4.0		
					7.4	4-4	4 a 0		
							5.0		
					12.4	5.7	5.0		
					4.R	5₿	5 <del>-0</del>		
					4.9	57.	-50		
					6.6	6.3			
					2.0		~ ~ ~		
							5.4		
• 5					7.3	. 9.3 .	9.•.5		
•1					10.0	7.8	5.0	<del></del>	
••••••	•••	• • • • • • •	*****		*****	•••••	• • • • • •		
		.= =2							
///////////////////////////////////////					7.7	111111	111111	· · ·	
.6					100.0	5.8	5.0		
ER JF DUSERVATI			West 1884						
• • • • • • • • • • • • •		• • • • • • •	*****	• • • • • •					

C - 4 - 14

D E S	1	AFB LA	GLAND A				<b>₹:</b> 747540	ATTON NUMBE	STA
мды			• • • • • •		) TU 0.T				
30-34 35-39 40-4	29	25-2		15-19				(DEGREES)	-
			• • • • • •					350-010	
					1.3	4.7	2.7	020-040	
					4	1.6	2.7	050 <del>*</del> 070	
					• 5	2.9	3.5	) 080-100	(E)
		-			1.1	4.6	4.1	110-130	
					2.4	5.44	3+3	140=160 -	
				. 1	1.3	2.9	1.2	170-190	(8)
				. 2	1.6	3.3	2.4	200-220	
					.1.3.	2.7		230=250	
				• 1	• 9	1.3	1.2	260-230	(W)
			• 2	.4	3.9	2.7	2.8	290-310	
			and the second s	1-1	3.2	5	2 7	320-340.	
**************			• • • • • •		* * * * * * *	••••	• • • • • • • •	VARIABLE	•••
	'///	/////	//////	/////	//////	//////	////////	CALM	
			• 2	2.1	20.0	43.0	37.9	TOTALS	

D AF8				-				NOV 76 - S+ 12-14		B		
	E9 I4	KADIS						TOTAL	MEAN			
••••	• • • • •							- 9.7				
								8.7	6.0	5.0	-	
				ann a' air aine ann an air aine ann an air an a			<del></del>	4.7	4.3	4.0		
								6 • 9	5.0	4.0		
								9.8	5.3	-5 <b>+0</b> -		
					<del></del>	***************************************		- 11.5 -	-5.4			
			-					5.5	7.1	70		
								7.5	6+8	8.0		
									7.2	7.0	<del></del>	
								3.5	7.0	5.5		
2								10.0	8+2	8.0		
		a fina colorida a Franco sua cual di Mariana a Aren						12.7	8.0	ــــــــــــــــــــــــــــــــــــــ		
	••••		******	******	*****	,,,,,	***	• • • • • • •	*****	*******		
////	/////	///////	 !!!!!!!		//////	1///		3.7	/////	/////		
è								100.3				
1F 70	SERVA	TINUS	849	*****			- • • •	• • • • • • •				

P.:: :43)		LA		GLAND			ATION!		R: 747540	BAMUM MCITATS
										• • • • • • • • • • • •
-34 35-39 40-		5-29	2	20-24			.,			toegrees)
• • • • • • • • • • • • •	• • • • • •		• • •	• • • • •	• • •	• • • •				(N) 350-010
							• 9	4.6	3.1	020-040
						<del></del> -	2	3+3	2 • .7	050-070
					- 1			3.4	2.5	(E) 030-100
							• 4	4.4	3.4	110-130
							2+3	5.7	22	140-160
							1.3	5.5	1.4	(S) 170-190
				• 1	- 1		1.4	3.5	1.4	200-220
							1.2	1.5		230-250
					. 1		•9	1.5	1.2	(W) 250-280
		• 1	2	• 6	• 6		3.1	3.5	3.4	290-310
			L		. 7		3.9	4.4.	3 • .7	320-340
	•••••	••••	• • •	••••	•••	••••	• • • • • •	•••••	• • • • • • • •	VARIABLE
///////////////////////////////////////	///////	////	///	/////	///	////	/////	/////		
		• 1	•	. 4	. 6	1	16.7	46.9	29.9	TOTALS

0 - 4 - 1\*

								• • • • • • •	
24 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL 2	MEAN CHIK	MEDIAN — AIND	
• • • • • • • •	• • • • • •	• • • • • •		• • • • • •	•••••	8.1	-		
						8.5	5.9	6.0	
=-						6.2	5.2	6.0	
						6.0	5.3	5.0	
						8.1	5.2	5.0	
, in any ance						11.0	6.8	6.0	
						8.7	6.9	7.0	
. 1						5.5	7.4	7.0	
·					man participant in the second parameter	4.1	5.1	5.0	
						3.9	- 7-1	7.0	
•2 •1						11.5	7.9	7.0	
. 1						12.7	7.9	0	
•••••	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • • •		• • • • • •	
///////////////////////////////////////	//////	//////	//////	//////	///////	4.1	/////	111111	
.4 .1	*	***************************************				100.0	6.3	5.0	
ac alecava	TIONS	849							

 STAT	ION NUMBER:	747540								پ⊐ر
		<b></b>		1 19 UT			• • • • • •			ی(ز)4. معمد
	TRECTION  DEGREES)	1-4	5-9	10-14	15-19	WIND 9 20-24	PEED IN 25-27	KNOTS 30-34	35-39	
	350-010					•••••	• • • • • •	• • • • • •	• • • • • •	• • • • •
	020-040	3.3	4 . 2	•6	• 2					
	050-070-	5.5	3-5	• 1		. 1.				_
(円)	090-100	3.3	1.3	• 1						
	110-130	5.1	2.0	• 2						
	140-160	5.5 ·	4.1	<b>√5</b> -						
(5)	170-190	<b>5</b> • 5	4.6	• 7						
	200-220	3.2	1.2	• 2						
	230-250	1-1	• •	• 1	-			-		
(%)	260-280	1.3	• 7	• 7		• 2				
	290-310	2.3	2.7	•9	- 1	.1				
	320-340	4. <sub>+</sub> .Q.	4.3	. 2.3	. +5	•1				
• • • • • v	ARIABLE	• • • • • • •	• • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••
	CALM /	///////	/////	//////	///////	//////	////////	//////	//////	////
ī	TTALS	43.5	32.7	5.9	• 9	• 5				•

MCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED PROTTAVEJEC YURUCH MERE PERIOD DE RECORD: NOV 75 - OCT 88 MONTH: FEB HOURS: 13-20 SPEED IN KNOTS 25-27 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN 6.2 5.0 8.8 5.7 5.0 9.3 4.6 4.0 4.7 3.9 3.5 7.3 4.0 4.0 10.8 5.0 4.0 4.5 4.1 3.0 2.9 5.9 5.0 1 6.B 5.1 5.0 100.0 4.5 4.0 3 F DASEPVATIONS 849

)

)

)

c - 4 - 17

OPERATING LOCATION "A" PERCENTAGE PREQUENCY OF DECURRENCE SUPPACE 4140 USAFETAC, ASHEVILLE NO FROM HOURLY BAS- OVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFE LA 2 315 LST TO UTC: + 6 4 1414: WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 28-29 30-34 39-31 49-41 DIRECTION - (BEGREFS) (N) 350-010 3.8 . 9 3.1 020-040 3.9 4.5 059-979 4.5 2.7 (7) 080-100 . 5 1.3 . 7 110-130 2.4 1.5 440-150 5.7 2.7 . 1 (S) 170-190 5.7 2.7 200-220 3.5 2.0 • 1 230-250 1.2 • 2 \*\* (W) 260-230 1.3 . 4 . 5 . 2 . 1 290-310 1.2 . 7 . 1 1.6 320-340 2.2 4.40. CALM 27.2 7.1 TOTALS 39.1 .4 .1 TOTAL NUMBER OF PRSCRIVATIONS 349

] - 4 - 12

## FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED. FROM HUNCLY DUSERVATIONS

GLAND AFB LA				MOV 73 - S: 21-23		8	
WIND SPEED IN KNOTS						• • • • • •	
23-24 25-23 39-34 35-39	43-47	5,) <del>-</del> 64	S€ 65	TOTAL	VABN	PAICEM CHIK	
, 	• • • • •	• • • • • •	• • • • • •			5.0	
				9.0	4.9	4.5	
.=		-		7-2	4.3	4+ <del>0</del>	· · · · · · · · · · · · · · · · · · ·
				2.9	4.7	4.0	
				4.3	5.4	5.0	
			•. ·.»= =		4.5	4+0	
				8.7	4.1	4.0	
				5.2	4.3	4.0	
				2+2	4 7	4.0	
•1				2.5	7.0	4.0	
				3.7	5.9	5.0	
a company of the control of the cont	4 minutes				6.3	5.0	
	• • • • • •	• • • • • • •	•••••	• • • • • • •	· • • • • •	• • • • • •	
· · · · · · · · · · · · · · · · · · ·	//////	1111111	///////	25.0	/////	/////	
• 1				100.0	3.7	4.0	
REP OF OBSERVATIONS 349							
	• • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • •	

	RATING LOCAT RETAC, ASHEV			PERC	ENTAGE	FREQUE	HEROM H.	JURLY DE	SERVATI	
STA	TION NUMBER:	747540		T TO UT						er: PE:
• • •	DIRECTION			10-14	15-19	WIND :		2 TENN 1 30-34	35 <b>-</b> 39	
•••	(DEGREES)	* ** * * **	• • • • • •	* * * * * * *	)		• • • • • •		· • • • • • • • • • • • • • • • • • • •	• • • • •
(1)	350-010	3.5	4.6	1.2	.0		• • • • • • •			
	020-040	4.0	4.2	• 8	. 1					
	050-070	3.3	2.8	• 4	• 0	• 0				
(E)	030-130	2.7	1.7	• 3	• 0					
	110-130	3.4	2.9	.6						
	140-150	4.5	4.2	1.4	• 1	• 0				-
(5)	170-190	3.1	2.9	• 7	.0					
		2.5	2.1	• 6	• 1	٠.٥				
	230-250	1.5	1.3	• 5	• 0					
(%)	260-200	1.7	1.1	• 5	• 1	• 0				
	290-310	2.5	2.4	1.7	. 3	• 2				
	320-340	3.1	4.3	2.1	. 4	•1				
• • •	VARIABLE	•••••	• • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • •	• • • •
	CALM	1111111	11111	111111	1111111	111111	(111111	1111111	1111111	ILII.
	TUTALS	36.3	34.5	10.8	1.1	.3		=		
				ra	ITAL NUM	BER OF	OBSERVA	SMC1T.	6792	
• • •	• • • • • • • • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • •

FREQUENCY	ЦE	GCCURRENCE	SURFACE	WIND	DIRECTION	VERSUS-	WIND SPEED
FRE	JM -	HOURLY OBSE	RVATIONS				

and the second of the second o

NIND SPEED		• • • • • • •							
25-24 25-2		35-39	40-49	50-64	GE 65	TOTAL		MEDIAN	
• • • • • • • •	<del></del>				<del></del>	ሄ	GNIW	CNIW	
• • • • • • • • •	••••	********	•••••	*******	****	9.3	5.9	6.0	
				•		9.1	5.4	5.0	
• 0						7.0	4.9	4.0	
						4.7	4.7	4.0	
						7.0	5.0	5.0	
• 0						10.1	5.6	5.0	 
						5.6	5.2	5.0	
. 0						5.2	5.4	5.0	
	. 1/1-a-miles (***), a Milestrogram man va					3.3	5.6	5.0	 
• ?						3.5	5.3	5.0	
• 2	J					7.1	7.3	5.0	
• 1						10.1	7.0	7.0	
• • • • • • • •			• • • • • •				• • • • •	• • • • • • •	
					-		·· +		
///////////////////////////////////////									
•3						100.0	4.B	5.0	 
R OF OBSER	CHETTAV	.6792							

en de la companya de

. . . . . . . .

 STATION N	JMBER:	74754				NGLAND	AFB L	4		ρŗ
			£.	21-10 NI	C: + 6					:4G
								-		• • • • • •
 CATEGURY				BUT LES				vITH VI	SIBILIT	Y GE 1/
	I V	SIBILI		1/2 MILE						ILES (4
		. ,				WIND	SPEED	IN KNO	TS	~ ~ ~
				13-14						
 (DEGREE	[. <b>5</b> . <b>)</b>									
(N) 350-0	10							• • • • • •	• • • • • •	
020-0	<b>+</b> 0	4.1	5.1	• 9	•1					
 650 <del>-</del> -01	70	41	3.6		** * * *		l			
(E) 080-1			2.0	•3						
					* -					
110-1				• 4						
 140=1	<b>5</b> 0	4.1	3-7	1 • 2						
(5) 170-1	30	2.7	2.0	• 4				·		
200-2.	20	2.0	.9	• 2						
 230-2	5.0	12	8.	1						
(A) 260-2.	30	• 5	1.3	•6	.1					
290-3				• 7						
							_	,		
 320-3	43	3.7.	7+5	2+2	• 4				<del></del>	
VARIAB	••••• LE	*****	• • • • • •	• • • • • • •		• • • • •	• • • • • •		•••••	
CALM	/	//////	//////	///////	//////	/////	//////	//////	//////	//////
 TOTALS		34 6	42.6	9.7	1.2	•	2		•	

ID AFB LA	1	PERIOD OF RE				
•••••		• • • • • • • • • • • • • • • • • • • •				
FEET A	ITH VISIBILITY O		00 METERS).			
RS) BUT	LESS THAN 3 MILE	S (4300 METERS	) WITH CEILI	NG GE 200	FEET.	
24 25-2	IN KNOTS 29 30-34 35-39		GE-65 ICI	AL MEAN	MEDIAN	
			•			
			11.	3 5.6		
•1				1 5.0	4.0	
			4.	75.1	5.0	
		-	6.	9 . 5.3	5.0	
			9.	0 5.6	5.0	
			<b>5</b> .	1. 4.8.	. 4.0	-
			3.	14.3.	4.0	
				2 4.6	4.0	
			2 2	3 7.4	<b>5</b> 2	
- 1	· · · · · · · · · · · · · · · · · · ·		16.	0 6.8	7.0	
• • • • • • •	· <del>• • • • • • • • • • • • • • • • • • •</del>	<del></del>	*****	· <del>• · • · • · • · • · • · • · • · • · •</del>	••••••••••••••••••••••••••••••••••••••	
////////	111111111111111111111111111111111111111		////// 11.	8 /////	/////	
.2		<del></del>	100.	0 5.1	6.0	

- . .

G ( 4.7

•	STATI	ION NUMBER		LS	STATION NAME: ENGLAND AFS LA LST TO UTC: + 6							
	01 41	IRECTIUN DEGREES)	1-4	5 <b>-</b> 9	10-14	15-19	WIND 20-29	SPEED:	4N KNO 5 30-	1TS -34		
•		• • • • • • • • • •	2.9	• • • • • • •	• • • • • •	• • • • • •		• • • • • • • • • • • •	•••••	••••	• • • • •	• •
	C	020-040	3.0	1.3								
		)50 <u>-07</u> 0	3.2	1.5				***************************************				
(	(E) 0	080-100	2.2	1.0								
	1	110-130	2.9	1.2	•5	• 3						
N 18	.1	140-160	5.4	3.9 .	1.5	4.		The same and the same of the same state of the s				
(	(5) 1	170-130	0.3	3.1	1.3	•1						
	2	200-225	3.0	2.9	• 4	• 1						
	.2	230-250	1.2	1.2.		. a material or com	<u></u>	······································	<del>-</del>	• •		
(	A) 2	260-230	1.7	•5	•1	•1						
		290-310			• 5							
	3	320-340	2.2	1_9_	1_0_	-4						
•		ARIABLE	5.4.4.4.4.4		* 4 4 4 4 4 4	• • • • • •		• • • • • •		****		• •
	С	CALM	////////	'//////	//////	//////	/////	//////	/////	////	/////	//
	TO	TALS	36.7	22.3	5.2	1.4						
•					<b>C1</b>	TAL NUM	BER OF	3BSER	VATION	  S	939 ••• • • • •	. 4 4

1

LAND AF	S LA						NOV 78		38		
wIND SP 20-24		KNOTS	35-39	• • • • • •	• • • • • •	•••••	LATET	MEAN	MEDIAN WIND	-	-
,	• • • • •	•					5.3		4.0		
							4.3	4.0	4.0		
		<del>_</del>					4.9	4.1	4.0		
							3.1	3.7.			
					<del></del>		4.9	. 5.2	4.0		
-	er van er van van derweek ke semme						11.2	5.8	5.0		
							10.9	. 4 <sub>*</sub> B	40		
							6.5	. 5.1.	50		
							3.4	4.5	4.0		
						<del>-</del>	2.5 .	47	4.0		
				all da			4.5	5.4	5.0	· · · · · · ·	
	·		····		· · · · · · · · · · · · · · · · · · ·		5.5	6.7	6.0		
	* * * * * *			4.4.4.4.4.4		S.A.A.A.A.A.					
//////		//////	(///////	//////	///////	//////	33.0	/////	(/////		
			<del></del>				100.0	3.4	4.0		
ek of o	IBSE <b>₹</b> √Å	TINVS	930		· · · · · · · · · · · · · · · · · · ·			*	** ****		•
• • • • • •		4.4.4.4.4		.4.4.4.4.4.4			1-4-4-4-4-4-4-	* * * * * * * * *	1 4:4:4:4 4:4 A · ·		
4 12/ 989-149				··· <u></u>			·		·····		
			· <del></del>								

C - 4 - 21

,

р <u>п</u> МО							6	C: +	וע סז	LS	R: 747540	STATION NUMBE
39 49-	35-39	KNDTS 30-34	И	ED I	SPE 2	WIND 20-24	19	15-	10-14	5-3		OIRECTION (DEGREES)
	• • • • •	• • • • •	• •	••••	• • •	• • • • •	•••	• • • •		2.2		(N) 350-010
									• 1	1.8	2.5	020-040
										1.7		050-070
										• 5	2.9	(E) 080-100
							. 1		• 9	1.3	4.7	110-130
									1.1		<u>6.2</u>	140=160
									• 9	3.1	4.7	(S) 170-190
							• 2		•5	1.4	2,4	200-220
								-	3 .	2.0_	2.4	2 <b>30-</b> 250
							• 1		• 1	1.0	1.7	(H) 250-230
									. 4	2.7	2.2	290-310
					<del></del>		• 1		<u> </u>	1.7	2 • 7	320-340
	c	* * * * *										VARIABLE
(/////	111111	/////	//	////	////	/////	///	////	111111	111111	11111111	CALM
-							• 5		5.5	22.5	38.0	TOTALS
•	930	ZNCI	ΔΤ	SERV	= 03	BER OF	Nels	TAI	<b>t</b> c			

C - 4 - 22

SPEED IN KNOIS  25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN  3 WIND WIND  5.4 4.7 4.0  4.5 4.5 4.0  3.4 3.3 3.0  7.0 4.8 4.0  10.4 4.9 4.0  3.7 5.1 4.0  4.5 5.6 4.0  4.7 4.7 4.7 4.5	AF5 L4			HINOM	: MAR		S: 03-0!	5		 
5.4 4.7 4.0 4.5 4.5 4.0 4.4 4.0 4.0 3.4 3.3 3.0 7.0 4.8 4.0 10.4 4.9 4.0 3.7 5.1 4.0 4.5 5.6 4.0	PEED	IN KNOTS	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN	 _
4.4       4.0       4.0         3.4       3.3       3.0         7.0       4.8       4.0         10.4       4.9       4.0         3.7       5.1       4.0         4.5       5.6       4.0	• • • • •	• • • • • • •	• • • • • • •							
3.4 3.3 3.0  7.0 4.8 4.0  10.4 4.9 4.0  3.7 5.1 4.0  4.5 5.6 4.0							4.5	4.5	. 4.00	
7.0 4.8 4.0 10.4 4.9 4.0 3.7 5.1 4.0 4.5 5.6 4.0						·	4.4	4.0	4.0	 
10.4 4.9 4.0 3.7 5.1 4.0 4.5 5.6 4.0							3.4	3.3	3.0	 
3.7 5.1 4.0 4.5 5.6 4.0							7.0	4.8	4.0.	
4.45	1						10.4.	4.9	4.0	 
			-				3.7	5.1	4.0	
4.7 4.7 4.5							4.5	56	40	
							4.7	4.7	4.5	 
							2. 9	. 4. 9	. 4 • 0	
53 55 5 50						e e	5.3	5,5	5 0	
5.3 5.6 4.0		- <del></del>					5.3	5.6	4,0	
///////////////////////////////////////										 <del></del>
100.0 3.2 4.0	กลระยา	ZAFITAN	930							
100.0 3.2 4.0	• • • • •				• • • • • •			* * 4.7, 4.8.4		 
	- <del></del>									 
ABSERVATIONS 930										 
NBSERVATIONS 930										 

 STA	TION NUMBE	रः 747540				GLAND AFB LA	PERIO MONI!
	DIRECTION (DEGREES).	1-4		10-14	15-19	WIND SPEED IN KNOTS 20-24 25-29 30-34 35-	
	350-010	2.2					••••••
	020-040	3.3	2.3	• 3			
	050=070	2.3	.1.3.	1.		The state of the s	
(E)	080-100	3.3	1.4				
	110-130	4.5	3.2	• 3	•1		
	140-150	7.5	4.5	1.3	. 2.		- <del></del> · .
(5)	170-190	4.2	3.1	1.0			
	230-223	2.2	.9	• 4	•1		
_	230-250	1	, • 5, ,	1	some til a seema and	and the second state of the second se	- · ·
(4)	250-230	2 • ?	1.8	• 4			
	290-310	4.0	2.2	1.3			
	320-340	3.2	3.2	1.0	1		
•••	VARIABLE	•••••	••••	• • • • • •	• • • • • •	•••••••••••••••••••••••••••••••••••••••	•••••
	CALM	///////	/////	//////	//////	///////////////////////////////////////	///////////////////////////////////////
 	TOTALS	40.9	26.0	7.6	• 6		

2 - 4 - 23

4NO AF8	-				MONI	Hi.	SAM		LUCH	RS: 0	5-08							
[40 SPE )-24 2	ED IN	KNQTS 30-34	35-	39	40-49	 5 (	- 0 <b>-</b> 64	GE	65		TAL		Ņ	IEDIAN				-
<b></b>	• • • • •				• • • • •	• • •		• • • •	• • •	• • • • •								
											-			. 6.0				
								~		5	9	47		4.0				
-		<del></del>						<del></del>		3.	.7	4.1		4.0	·			
				÷						4.	7	3.7		4.0				
										. 8	,7	4.•9		4.0	-			
										13.	. 7	5.1	····•	4.0				
		~~			-					A.	. 3	5 . 2		4.0				
										3.	5	5.0		4.0				
											<u> </u>	3 <b>.</b> 8		3.0				
										4.	, 4	5.0		5.0				
											, 4			4.0			•	
											-3 55	5.9						
	·····		<del></del>			~			·			7.7		7.0				
• • • • •	• • • • • .	• • • • • <u>•</u>	<u></u> .	***	., • •	. •• •	• • • •	•• .• .•				• • • • •	• • •					
//////	////		////	1111	11111	///	////	////	///	24.	9	11111	///	////				
, comment					<del></del>					100	0	3.8		4.0				
P OF OB	SERVA	TIONS	931															
• • • • • •	• • • • •	• • • • • • •	• • • • •	. • . • . •		. • • • •	• • • •		. •. • <u>.</u> •.		• • •	, , , , , , , , ,	• • •	•. • • •.•				
			<del></del> .															
				·								_				-		

C - 4 - 23

 SHATION NUMBER		ST	N NCITAT		NGLAND /			<u></u>	PERI MONT
			-			SPEED IN			_
OIRECTION (DEGREES)					20-24	25-23	30-34	35-39	40-49
(N) 350-010	1.5		1.3	• • • • • •		• • • • • • •	· • • • • • • •		, • • • • • •
020-040	2.5	2.9	• 9	.1					
050-070	. 30	2.9				1 + m = 4		187 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 188 - 1	
(E) 080-100	3.4	1.4	.1						
110-130	3.4	5.7	1.8						
140-160	. 4.3.	3.2	3.1				·		
(S) 170-190	2.9	4.2	2.4	. 1					
200-220	1.7	3.0	2.3						
230-250	1.6	14	• 4.	• 1		· · ·			-
(4) 260-290	1.5	1.7	• 3	. 1					
290-310	2.5	2.7	2.0	•5	• 3				
320-340	1.5	4.4	3.5	, <b>. 4</b>					
VARIABLE	• • • • • • • • • • • • • • • • • • • •	, • • • • •	•••••	•••••	, • • • • • •				, • • • • •
CALM	////////	/////	1111111	//////	(//////	///////	'''''	'//////	(////
 TOTALS	30.3	41.7	13.9	1.4	• 3				## ·
			τO	TAL NUY	48ER OF	OBSERVA	ZNCITA	930	

c - 4 - 24

#### UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED. FROM HOURLY DRISERVATIONS

PERIOD OF RECORD:  MONTH: MAR. HOUR			d 	
SPEED IN KNOTS . 4 25-29 30-34 35-39 40-49 50-64 GE 65	TOTAL		MEDIAN WIND	 <del></del>
	5.9	7.1	7.0	
	5.3	6.0	6.0	
	5.7	5.5	5.0	
	4.9	4.3	4.0	
	11.0	6.3	6.0	
	16.2	6.6	5.0	
	9.5	7.0	7.0	
	7.2	7.0	7.0	
	3.5	5.5	5.0	 
	3.8	5.9	5.0	
3	છે. 4	7.9	6.5	
	9.9	3.3	<u> </u>	 +
• • • • • • • • • • • • • • • • • • • •	• • • • • • •			
	5.5	111111	/////	
3	100.0	5.2	5.0	 
F DASERVATIONS 930				

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF MOCURPENCE SUKEAGE AT USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA 2731 LST TO UTC: + 6 4 191 WIND SPEED IN KNOTS DIRECTION 15-19 20-24 25-21 30-34 33-39 40-47 (DEGREES) (N) 350-010 2.0 2.3 1.2 . 1 020-040 2.4 1.3 . 4 050-070 2.6 2.3 .6 . 1 . 1 (E) 040-100 2.3 1.3 . 1 110-130 2.3 4.0 2.0 • 2 140-150 3.3 5.3 3.4 . 4 (S) 170-190 1.7 6.0 4.8 • 5 200-220 1.5 2.5 3.0 . 3 230-250 2.2 2.5 1.1 (w) 260-23) 1.9 . 5 1.5 290-310 1.7 4.2 2.8 1.3 320-343 3.2 2.9 • 5 . 1 4.5 VARIABLE CAL 1 TOTALS 27.8 33.2 24.5 3.5 .6 .I TOTAL NUMBER OF DESERVATIONS

C - 4 - 25

#### Y DE DOCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED - DM HOURLY DESERVATIONS MONTH: MAR HOURS: 12-14 THO IN KNOTS 25-23 30-34 35-39 40-49 50-54 GE 65 TOTAL MEAN MEDIAN a I VO 5.3 5.0 4.5 5.2 4.0 5.7 5.3 5.0 4.2 4.0 4.7 9.0 0.9 5.0 13.0 7.1 6.0 13.1 8.5 3.0 7.7 8.1 3.0 5.€ 6.0 . 1 4.2 6.5 6.0 10.4 9.0 3.0 11.5 8.3 3.0 100.0 5.7 7.0 JASEKVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND USAFETAC. ASHEVILLE NO FROM HUURLY DBSERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA 2513 LST TO UTC: + 6 HINCH WIND SPEED IN KNOTS 15-19 20-24 25-29 DIRECTION 35-34 35-39 40-49 (DEGREES) (N) 350-010 1.7 .5 020-040 2.5 2.7 050-070 3.0 2.5 . 3 • 1 (E) 080-100 2.5 • 2 1.3 110-130 1.3 1.3 3.6 . 1 2.9 140-150 5.3 4.0 (5) 170-190 2.5 9.0 3.7 . 4 200-220 1.3 2.7 • 2 3.4 230-250 2.0 1.5 .\_\_ .5 . 1 (4) 260-290 1.5 2.2 1.5 . 1 290-310 2.0 3.2 1.7 . 3 •5 VARIABLE CALM 27.0 42.5 21.9 3.5 .8 TOTAL NUMBER OF DASERVATIONS 329

C = 4 = 26

458 L4	IJURLY J		DESI.			NOV 78 -		8		
			MONT	H: MAR	HOUR	S: 15-1	7	• • • • • •		
	N KNOTS 35-34		40-49	50-64	GE 65	TOTAL	ME AN WIND	MEDIAN WINO	· <del>-</del> · - · · ·	-
• • • • • •						6.4	7.6	8.0		= .
						5.7	5.5	5.0		
						5.9	4.9	4.0		
						4.0	4.5	4.0		
						6.8	6.3	5.0		
						13.1	7.7	7.5		
					<del> </del>	15.7	7.7	9.0		
						3.2	7.6	30	_	
						4.3	5.7	5.0		
						5.3	7.0	5.0		
·					=		8.5	7.0		
						12.4	8.2	8.0		
• • • • • •	• • • • • • •	• • • • • •		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •			
///////	7//////	1171717	777777	7//////	///////////////////////////////////////	4.0	111111	777777		
						100.0	6.9	7.0	<del></del>	
- Dastav	ZVETTA	929								
• • • • • •	• • • • • •									
	-									
								<del></del>		

)

5 - 4 - 26

PER MON			L A	4F3	LAND			NCITA U OT T		R: 747540	EMUN NOIT	STA
	• • • • • •	STCNY		SDSE	ATMD	• • •	• • • •	• • • • •	• • • • •	·	• • • • • • • •	• • •
40-4	35-39			25	20-24			10-14	5-9	1-4	DIRECTION (DEGREES)	
					. 3			1.0	1.6	2.2	350-313	(N)
							1	• 3	2.2	3.4	020-040	
	<del></del>							• 2	1.7	5.1	050-070	
						1		• 1	1.1	2.3	090-100	(E)
							;	• 5	3.0	3.5	110-130	
·						2		1.3	3.1	5.8 <u></u>	140-160	
					. 1		)	1.9	10.8	9.2	170-199	(8)
							I	• 3	2.2	2.3	200-230	
								• 3	• 5	1.4	230-250	
						1	•	• 4	• 9	2.5	260-280	(W)
			-			1	<b>.</b>	1.3	1.5	2 • 3	290-310	
				······································		4	}	1.8	2.6	4.3	320-340	77 - 545) 675 - 54 - 684 - 684 - 684 - 684
			• • • • •	••••	• • • • •	• • •	•,•••	•••••	••••	• • • • • • • • •	VARIABLÉ	• • • •
!!!!!	1111111	177711	/////	////	11111	///	////	111111	11/11	11111111	CALM	
			<del> </del>		. 4	0	· · · · · · · · · · · · · · · · · · ·	9.4	31.2	44.4	TOTALS	
	930	TÖNS	ERVAT	กรร					31.2	44.4	TOTALS	

FROM HOURLY OB AND AFB LA	PERIOD OF RECORD: NOV 73 - OCT 88
	MONTH: MAR HOURS: 18-20
ND SPEED IN KNOTS -24 25-29 30-34	35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN % WIND WIND
.3	5.2 7.0 5.0
*·· *·· =	5.9 4.5 4.0
· <del>-</del>	7.0 3.9 3.0
	3.5 4.6 4.0
	7.1 5.0 4.5
	10.4 5.2 4.0
•1	22.0 5.6 5.0
	4.7 5.1 5.5
	2.3 4.6 4.0
	4.0 4.8 4.0
	5.2 6.7 5.0
	9.1 6.1 5.0
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	777777777777777777777777777777777777777
• 4	100.0 4.6 4.0
P OF DASERVATIONS	
	930

C - 4 - 27

STA	ATION NUMBE	₹: 747540		N NCITAT		IGLAND AFB LA	F
• • •			• • • • •		• • • • • •	WIND SPEED IN KNOTS	• • • •
	DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24 25-29 30-34 35-39	<del>)</del> 4!
(N)	350-010	2.4	1.7	8.	• • • • • •		
	020-040	3.2	1.7				
	050-070	5.5	1.3	a la managan da la managan da man	.1		
(E)	080-100	2.2	• 5				
	110-130	3.3	1.2	• 5	• 2	a company of the comp	
**	140-160	5.9	3.4	1.3	.,	and the second s	
(S)	170-190	8.5	5.5	1.2	• 3	• • • • · · · · · · · · · · · · · · · ·	
	200-220	2.3	4.7	•5			
<u></u>	230-250	.3	• 2	there are made already before 1 in 18 and 10 in		er i November stempeter i jandelligin octobel läppetellijkelijkelijkelijkelijkelijkelijkelij	
(H)	260-230	1.9	• 5	.1			
	290-310	2.4	1.7	1.2	•1		
	320-340	2.2	2.3	1.1	• 2		
•••	VARIABLE	••••	• • • • •	• • • • • •			• • • •
	CALM	[[]]]]]]	111111	1111111	1777777		1717
et with type one	TOTALS	42.2	25.3	5.7	• 9		

<del>and the second of the second </del>

......

DM HOURLY DBSER		OF RECORD:	NOV 78 -	- <u>٦८१</u> 9	A		
	MONTH:		S: 21-23				
ED IN KNOTS 25-29 30-34 35	<b>-</b> 39 40 <b>-49</b> 5	60 <b>-</b> 64 GE 65	TOTAL	MEAN WIND	MEDIAN ONIK		- · - ·
• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • •	4.8	5.3	5.0		
		· =====	4.9	3.9	4.0		-
· · · - · · · · ·			7.5	3.7	4.0	r. <del>.</del>	
			2.7	3.4	2.0		
		· ·	5.3	4.7	3.0		
			11.5	4.8	4.0		
			15.6	4.9	4.0		
			3.1	5.4	6.0	-	
			1.0	3.6	3.0		
			2.6	3.8	3.0		
			5.4	6.3	5.5		
			5.7	6.3	5.0		
		• • • • • • • • • • •		• • • • •			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		24.8	117777	771777		–
			100.0	3.6	4.0		
SERVATIONS 73	5		<del></del>				
		• • • • • • • • • •					
							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	<u> </u>					·····	

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY DESERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFR LA LST TO UTC: + 6 :HINCH WIND SPEED IN KNOTS 30-34 5-9 10-14 15-19 20-24 25-29 (DEGREES) (N) 350-010 2.2 2.1 1.0 . 1 . 0 2.3 020-040 2.1 • 3 .0 050-070 3.4 2.0 • 3 .0 (E) 080-100 1.1 . 1 .0 2.6 2.9 110-130 3.4 1.0 . 1 140-150 5.4 4.7 2.1 ·Ż (S) 170-190 5.0 5.5 2.1 • 0 200-220 2.3 2.6 1.3 . 1 232-250 1.5 1.3 .0 . 4 .0 (W) 250-280 1.7 1.3 . 1 290-310 2.5 . 3 . 2 2.4 • 4 327-340 2.3 3.0 2.2 .0 VARIABLE CALM TOTALS 31.2 12.6 1.5 • 2 TOTAL NUMBER OF OBSERVATIONS

C - 4 - 29

Y 3F OCCURREN	CE SURFACE WIND DIRECTION VERSUS WIND SPEED SERVATIONS
P LA	PERIOD OF RECORD: NOV 78 - DCT 88
	MONTH: MAR HOURS: ALL
EED IN KNOTS 25-29 30-34	35-39 40-49 50-34 GE 55 TOTAL MEAN MEDIAN
• • • • • • • • • • •	DAIM CAIM %
• • • • • • • • • • • •	5.4 6.1 6.9
	5.3 4.8 4.0
	5.7 4.5 4.0
	3.8 4.1 4.0
	7.5 5.6 5.0
	12.5 6.0 5.0
	13.0 6.1 6.9
	6.3 6.3 6.0
	3.5 5.1 4.0
• 0	3.7 5.5 4.0
	6.9 7.2 5.0
	8.4 7.2 5.0
	• • • • • • • • • • • • • • • • • • • •
///////////////////////////////////////	///////////////////////////////////////
	100.0 4.3 5.0
BSERVATIONS	7439

_	TION MARR	ER: 747540				IGLAND	AFB LA				PERI	
				ST TO UT	C: + 6						THEM	н:
CAT	EGORY A:	CEILING GE			AND/OF	<b>\</b>						
		VISIBILITY		1/2 MILE			) 3UT	LESS	THAN	3 MIL	ES (430	iò.
	DIRECTION	1-4		10-14	····	CHIW	SPEED 25-2			35 <b>-</b> 37	40-49	)
	(DEGREES)		-									• •
(N)	350-010	1.5	4.1	2.1	.1	• • • • •		• • • • •		•••••	• • • • • •	. •
	223-041	3.7	2.7	• 9		-						
	250-070	2.0	3.1	• 3	• 2	. 1		rangements is ventral and an according				
(€)	030-100	2.3	1.7	• 3	•1							
	110-130	2.7	4.5	2.7	• 2							
-	140-150	7.5	5.9	2.9	. 4							
(5)	170-190	5.3	3.3	2.0								
	200-220	2.9	3.1	1.2	.1				-			
	230-250	2.2	. 7	•5	···			<del>-</del>				
(4)	260-230	1.1	. 1	• 5	• 2		•	1				
	290-310	1.7	. 9	• 9	• 1					-		
	320-340	1.5	2.8	2.1	• 6							

.....

LA	PERIOD OF RECORD: NOV 78 - OCT 88
	MONTH: MAR HOURS: ALL
HETETV HTIK	LITY SE 1/2 MILE (0800 METERS).
IT LESS THAN	3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
D IN KNOTS	27. 20. 40. 40. 40. 40. 40. 40. 40. 40. 40. 4
5-29 30-34	35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN
	GNIW CVIW %
	7.8 7.7 8.0
	6.6 5.7 6.0
	5.3 5.9 5.0
	4.5 5.3 4.0
	10.0 7.1 7.0
	17.9 6.1 5.0
	12.2 5.2 4.0
	7.4 5.9 6.0
	3.1 3.9 3.5
• 1	1.8 6.9 3.0
	3.7 6.9 6.0
	6.9 8.4 B.0
1111111111111	117111111111111111111111111111111111111
•1	100.0 5.5 6.0
CRVATIONS	<u>976</u>
•••••••	

• • •

SPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND USAFETAC, ASHEVILLE NO FROM HOURLY DESCRIVATIONS STATION NUMBER: 747543 STATION NAME: ENGLAND AFB LA PERIO LST TO UTC: + 6 WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 5 (DEGREES) (4) 350-010 • 8 1.9 020-040 2.4 1.0 • 2 ....2 050-070 2.0 (E) 030-100 • 3 • 1 • 4 110-130 2.2 • 2 • 3 140-150 3.9 4.3 • 2 (S) 170-199 7.1 3.8 • 9 . 1 • 1 200-220 3.5 1.4 • 6 • 1 230-250 3.0 • 2 (W) 250-280 3.2 1.3 • 1 290-310 1.1 . 7 3.4 • 2 2.5 2.1 320-340 VARIABLE CALM TOTALS 35.0 17.2 4.5 .5 .1 COC SPORTAVA SEC TO RESEMUN LATET

\* = 4" = 31

ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DBSERVATIONS

AFB LA				I: APR		NOV 73 -			
5PEED IN 25-29		35-30	~ <del>4</del> 0-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
• • • • • • •		• • • • • •	• • • • • •	• • • • •		3.0	4.6	3.0	
						3.7	4.5	4.0	
						3.0	4.6	4.0	
						• 9	4.8	4.5	
						2.8	3.5	2.0	
			.,			8.9	4.7	4.0	
						12.0	4.6	4.0	
						5.7	4.5	3.0	
						3.7	3.3	2.0	
						4.7	3.8	3.0	
						5.4	5.0	4.0	
	and the same and a same and					5.0	5.8	5.0	
		•••••	• • • • • •	• • • • • • •		•••••			
////////	//////	///////	1717777	11/1///	777777	41.3	77777	111111	
					······································	100.3	2.7	4.0	
	ZVC17	15.5							

DPERATING LOCATUSAFETAC, ASHE			PERC	ENTAGE	FREQUE			OCCURR! JUKLY .			ACE ATMO
STATION NUMBER	: 747540	LS	N NEITAT	TC: + 6	IGLAND	<u>A</u> = B	LA				253100 <b>4</b> 0414:
DIRECTION (DEGREES)	1-4		10-14			-		N KNOT		<b>-3</b> 9	40-49 
(N) 350-010	1.1	1.8	•••••	• • • • • •	• • • • •		••••	,	• • • • •	• • • •	
020-040	3.0	1.1	• 3								
050-070	1.5	. 9	3			ere than 1800 t				# ==	
(8) 080-100	1.7	1.1	• 1								
110-130	3.0	. 3	•1	• 1							
140-160	5.7	3.3	• 1					<u>-</u>			
(5) 170-190	4.9	3.3	• 3	• 2							
200+220	1.9	• ti	• 2								
230-250	2.1	1.2	• 1								-
(W) 250-290	3.3	1.2	• 1								
290-310	2.7	• 6	• 2	.1							·
320-340	3.1	1.3			_						
VARIABLE	• • • • • • • •		•••••	, • • • • • • •	• • • • • •	• • • • •	••••		••••	••••	•••••
CALM	//////////	/////	///////	1111111	111111	////	77711	/////	/////	////	//////
TOTALS	35.1	17.4	2.1	• 5			·				
			τc	OTAL NUM	4BER O	F ÖB'	SERVI	ATIONS	900	0	

0 - 4 - 32 1

## FREQUENCY OF DOCURRENCE SURFACE 41ND DIRECTION VERSUS WIND SPEED FROM HUBRLY UBSERVATIONS

HTPCM	1: 4P2	HOUR	s: 03-0	5	3		
					MEDIAN GNIK		
• • • • • •			2.9	5.5	5.0		
			4.4	4.2	4.0		
			2.9	5.4	4.0		
			2.9	4.3	3.0		
			4.0	3.8	2.0		
			10.1	3.9	3.0		
			H. 3	4.5	4.0		
			2.9	4 • 4	4.0		
			3.4	4.4	4.0	<del></del>	
			4.7	3.5	2.5		
			3.6	4.3	3.0		
	and when a supplementary constraint		4.5	4.5	4.0		
• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		
///////	//////	//////	44.7	/////	/////		
and the second s		The state of the s	100.0	2.4	3.5		
	• • • • • •	•••••	• • • • • •	•••••	• • • • • •		
		en i gira en e gerra gira e gira e gerra e ger			and the contract of the contra		
	40-49	MONTH: APR 40-49 50-64	MONTH: APR HOUR 40-49 50-64 GE 65	#DNTH: APR HDURS: 03-0 40-49 50-64 GE 65 TDTAL 2.9 4.4 2.9 2.9 4.0 10.1 4.7 3.6 4.5	#ONTH: APR HOURS: 03-05  40-49 50-64 GE 65 TOTAL MEAN % AIND  2.9 5.5  4.4 4.2  2.9 5.4  2.9 4.3  4.0 3.8  10.1 3.9  4.5 4.6  3.6 4.3  4.5 4.5	40-49 50-64 GE 65 TOTAL MEAN MEDIAN AIND  2.9 5.5 5.0  4.4 4.2 4.0  2.9 5.4 4.0  2.9 4.3 3.0  4.0 3.8 2.0  10.1 3.9 3.6  4.5 4.6 4.0  2.9 4.4 4.0  4.7 3.6 2.5  3.6 4.3 3.0  4.5 4.5 4.0	MONTH: APR HOURS: 03-05  40-49 50-64 GE 65 TOTAL MEAN MEDIAN NIND  2.9 5.5 5.0  4.4 4.2 4.0  2.9 5.4 4.0  2.9 4.3 3.0  4.0 3.8 2.0  10.1 3.9 3.6  4.0 2.9 4.4 4.0  2.9 4.4 4.0  4.7 3.6 2.5  3.6 4.3 3.0  4.3 4.5 4.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUPFACE WIND USAFETAC. ASHEVILLE NO FRUM HOURLY DESERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFT LA PERITU LST TO UTC: + 6 MONTH: WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 DIRECTION (DEGREES) (N) 350-010 1.4 1.4 . 1 020-040 . 7 2.1 1.0 050-070 3.0 1.3 • 2 . 4 (E) 080-100 2.0 2.3 110-130 3.4 3.3 140-150 3.5 5.3 (5) 170-190 4.2 3.9 • 9 . 1 . 1 • 9 200-220 3.3 . 2 1.4 230-250 1.3 . 1 • 2 (A) 250-290 3.7 1.2 • 6 290-310 4.3 2.3 • 3 320-340 VARIABLE CAL 1 TOTALS TOTAL NUMBER OF DESERVATIONS 900

	TO OF RECORD: H: APR HOUS	NOV 78 - RS: 06-03			
) IN KNOTS -2) 30-34 35-39 40-49	50-64 GE 65	TOTAL	MEAN	MEDIAN	
		*/	MIND	CMIK	
		3.0	4.7	5.0	
		4.3	5.2	5.0	
		4.6	4.0	4.0	
		5.2	4.7	4.0	
		5•8	4.3	4.0	
		10.3	4.3	4.0	
		9.2	5, 7,	5.0	
		3.3	3.9	4.0	
		2.9	4.7	5.0	
		5.7	4.5	3.0	<u> </u>
		7.0	4.2	3.0	
		5.3	5.4	4.5	
	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • •		
	7//////////////////////////////////////	32.3	7/7/77	77777	<u> </u>
		100.0	3.2	4.0	
TRVATIONS 400	–			. , <u></u>	
	• • • • • • • • • • • • •				

and the second s

STA	TERRUN NOTES	747540		M MCITAT		VGLAND	AFB LA			PEPT MONT
	DIRECTION (DECRES)	1-4	5-9	10-14	15-19		SPEED IN 25-29	_	35-39	40-49
(N)	350-010	2.1	1.7	.3	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
	020-049	2.3	2.3	• 4						
	050-171	3.5	2.7	. 3						
(E)	930-100	3 • 4	3.1	• 2	• 1					
	110-130	2.2	5.0	1.1						
	140-150	4.6	7.9	1.9					<del></del>	
(8)	170-190	4.3	4.9	2.3	. 4	• 1	-			
	200-220	3.4	2.8	1.2	•1					
	230-250	3.0	1.4							
( <del>;i</del> )	260=230	2.4	1.9	• 2	• 2					
	290-310	2.7	4.4	2.0	• 3					
	320-340	3.7	2•8	1.9	•1					
• • •	VARIABLE	•••••		•••••	•••••		•••••	• • • • • •		• • • • •
	CAL" //	////////	/////	7//////	1111111	//7/77/	////////	7777777	7//////	T11111

5 - 4 - 34

# PCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

NAME:		CLAND A	FB LA				)	CORD: N	0√ 73 - : 09-1:		8
15-	-19	WIND S 20-24	PEED IN 25-29	30-34	35-39	40-49	50 <b>-</b> 64	GE 65	TOTAL	MEAN HIND	MEDTAN WIND
• • • • •		• • • • • •	• • • • • •						4.1	5.2	4.0
•						-	* "		5.6	4.9	4.5
i.									6.5	4.9	4.0
	• 1			,, <u>,</u> ,			=		6.9	4.6	4.5
					-				3.3	6.2	5.0
1	• 1							and the second s	14.4	5.0	5.0
	. 4	. 1					= + /-		12.1	6.6	5.0
	. 1								7.6	5.9	5.5
			, a popular de l'Albania de l'A						4.9	4.6	4.0
	• 2						er er e		4.9	5.3	4.0
	•3								9.9	7.3	7.0
	• 1	. =	·		بموسست والمستقال فيارو عا				9.4	5.2	5.0
	• • • •		• • • • • •			• • • • • •		• • • • • • •		• • • • • •	• • • • • •
11111	////	//////	//////		7777777	7777777	777777	///////	-3.4	111111	77777
? 1	1.3	·							130.0	5.5	5.0
DTAL	NUM!	BER OF	J9 SERV	TIONS	900	• • • • • •					••••

	T A	TION NUMBER	2. 747549	<u> </u>	CATION N	IAME: EN	NGLAND AFB LA	٦
3	14	TION WONDER			TO_UI	M		
•		DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEED IN KNO 20-24 25-29 30-	NTS -34
•	N)	350-010	2.2	1.7	. 2	• • • • • •		•••••
-		020-040	2.3		• 9			
		050-070	2.3	2.2	• 2			
(	€)	080-100	2.7	2.3	. 1			
		110-130	2.2	4.3	1.4	-		
		149-160	3.∂	5.3	2.7	• 7		
(	S)	170-190	4.6	7.4	3.1	• 2	• 2	
		200-220	3.2	4.5	1.8	.1		
		230-250	1.7	2.1	.1	.1		
(	₩)	260-230	1.0	1.7	• 3	• 2		
		290-310	2.4	4.6	2.2	.9		
		320-340	2.9	5.3	2.9	• 3		
•	••	VARIABLE	••••	• • • • •		•••••		
		CALM	/////////	77777	'//////	1111111		''''''
		TOTALS	31.8	45.4	15.9	2.5	•2	

and the second of the second o

and the second s

## FROM HOURLY OBSERVATIONS

D AFB LA	PERIOD OF RECORD: MONTH: APR HOU	NOV 78 - RS: 12-14		8	
SPEED IN KNOTS	•••••••	• • • • • • • •		• • • • • •	•
	40-49 50-64 GE 65	TOTAL %	MEAN GNIW	MEDIAN WIND	-
		4.1	4.9	4.0	
		5.7	5.5	6.0	
		5.2	4.3	4.0	
		5.6	4.6	5.0	
<u> </u>		3.0	6.3	6.0	
		13.4	6.9	5.0	
.2		15.6	6.7	6.0	
		9.7	6.1	5.0	
		4.0	5.5	5.0	
		3.2	6.7	5.0	
		10.1	7.7	8.0	
		11.4	7.3	7.0	
	• • • • • • • • • • • • • • • • • • • •		••••	• • • • • • •	_
				ng gagagagaga a sa a sa sa sa sa sa	
///////////////////////////////////////	· · · · · · · · · · · · · · · · · · ·		777777	/////	
. 2		100.0	5.1	5.0	

		FROM HOU FB LA	GLAND A	AME: EN	N NCITA			STATION NUMBER
					TO UT			J
35-39		PEED IN 25-29		15-19	10-14	5-9	1-4	OIRECTION
• • • • • •	• • • • • •			• • • • • •	• <del>8</del>	1.3	1.3	(N) 350-010
				• 1	• 3	2.7	1.5	020-040
		and the second second second second			• 5	2.1	2.0	050-070
					. 1	3.3	2.9	(E) 080-100
· · · · · · · · · · · · · · · · · · ·					•6	1.7	2.7	110-130
		The second of th			2.1	7.0	3.0	140-140
				. 7	3.3	9.6	4.7	(S) 170-130
				• 1	2.0	5.0	4.1	200-220
					• 1	11	2.4	230-250
				• 3	•9	1.1	1.2	(W) 260-230
			-	. 4	2.5	4.4	1.9	290-310
MR (MTMAX TO AME FOR AN -			1.744 1	.6	3.1	6.0	2.9	320-340
•••••	• • • • • •	• • • • • • •	••••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	VARIABLE
111111	///////	1111111	//////	//////	//////	//////	///////	CALM
<del></del>				2.4	16.5	45.3	31.1	TOTALS

#### EQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DBSFRVATIONS

AND AF	B LA			PERIC	D OF RE		NOV 78 - S: 15-17		8		
IND SPE		KNOTS 30-34	35-39	40-49	50-54	GE 65	TATE	MEAN	MEDIAN	-	
							<u>"</u>	CNIK	GMIN		
• • • • •	• • • • •						3.9	6.2	<u>6.0</u>	e e con	-
							4.7	5 • 8	5.5		÷
							4.7	5.5	5.5		
							6.3	4.8	5.0		
		· -					4.9	5.1	4.0		
							12.3	5.8	5.0	managan garaga and a see and a second making garak area s son	
							18.2	5.9	5.5		
							11.2	6.1	5.0		
							3.7	4.0	4.0		
							3.6	7.6	7.5		
			***				9.3	7.7	7.0		
							12.4	7.4	3.0		
		/////					4.3	///////	·····		
				<del></del>		· · · · · · · · · · · · · · · · · · ·	100.0	6.2	6.0		
OF J	3SERVA	ŽIČNŠ	900				• • • • • • •		• • • • • • • • • • • • • • • • • • • •		

)

PERCENTAGE FREQUENCY OF OCCURRENCE SUPFACE WIND SPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FROM HOURLY JESEPVATIONS STATION NAME: ENGLAND AFE LA STATION NUMPER: 747540 PERIJ) LST TO UTC: + 6 : I TUCM WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 DIRECTION (DEGREES) (N) 350-010 2.2 . 7 . 7 020-049 3.2 1.2 . 1 050-070 3.7 1.4 . 1 (E) 030-100 2.3 1.2 . 1 110-130 1.1 1.5 . 1 140-150 3. 7 3.6 1.1 . 3 (S) 170-170 13.3 1.8 7.0 . 2 200-220 4.5 2.7 • 5 230-250 1.4 . 4 . 1 • 1 (W) 250-290 1.7 . 7 . 1 290-310 3.4 • 1 . 1 2.4 • 9 . 1 320-340 4.0 2.6 1.0 VARIABLE CALM TOTALS 45.9 25.8 5.5 1.2 TOTAL NUMBER OF DESERVATIONS

: - 4 - 37

JRLY -U8	SERVATI	PERIJ	D OF RE	C080: 1	10V 75 -		E	
KNOTS	•••••		• • • • • •	*******		• • • • •	• • • • • •	·
30-34	35-39	47-47	50-54	GE 55	TOTAL	MEAN	MEDIAN	
		•••••			3.6	5.1	3,5	
					4.4	3.5	4.0	
. galar an an angama	geniga gener en				5.3	4.2	4.0	
			÷	-	4.1	4 • 1	4.0	
					2.8	4.5	4.0	
	and the second s		ina ina manganana	an appeared a second proposition was	€.8	5.9	5.0	Section of the sectio
					22.9	4.8	4.0	
					3.0	4.5	4.0	
		and the second of the second o		namentale dell'estates	2.1	4.3	3.0	
					2.7	3.8	2.0	
					7.1	5.2	5.0	
					8.0	5.6	4.5	

.

150.0 3.9 4.0

VATIONS 900

C - 4 - 37

PERCENTAGE FREQUENCY OF OCCUPRENCE SURFACE WIND DIX OPERATING LOCATION "A" FROM HOURLY OBSERVATIONS USAFETAC: ASHEVILLE NO STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA SEST JD (JE LST TO UTC: + 6 MONTH: 10° WIND SPEED IN KNOTS DIRECTION 20-24 (DEGREES) (N) 350-010 020-043 3.0 . 7 . 7 050-070 3.3 • 9 • 1 (E) 080-100 . 3 . 7 110-130 1.4 .7 • 1 • 1 . 1 2.7 140-150 6.2 1.3 . 2 (5) 170-190 5.2 1.2 11.3 5.9 200-220 • 2 3.0 230-250 1.7 . 1 • 3 (4) 260-230 2.3 1.0 • B 290-310 2.3 • 9 . 1 • 1 320-340 2.3 VARIABLE CALM TOTALS 41.7 19.3 5.2 .4 .1 .1 TOTAL NUMBER OF OBSERVATIONS

M HOURLY OBS	E SURFACE WIND DIRECTION VE ERVATIONS	K202 MI.	AD SHEE	ט		
LA	PERIOD OF RECORD: MONTH: APR HOUR	NOV 78 -		8		
O IN KNOTS						
• • • • • • • • •	35-39 40-49 50-64 GE 65	TOTAL %	MEAN CNIW	MAIGEM COIN		
		2.6	4.8	4.0		
		4.3	4.4	3.0		
		4.3	3.7	3.0		
		1.0	4.7	6.0		
•1		2.4	5.9	4.0	· <u> · · · · · · · · · · · · · · ·</u>	
		10.4	4.9	4.0	·	
		17.8	4.2	4.0		
		9.1	4.1	4.0		
		2.6	4.1	4.0		
		3.8	3.5	3.5		
		4.2	6.1	4.0		
a and the second se		4.3	5.0	4.7		
• • • • • • • • • •	••••••	• • • • • • • •	• • • • • • •	• • • • • •	÷	
///////////////////////////////////////		33.1	//////	//////		
.T		100.0	3.0	4.0	·	
EPVATIONS	900		• • • • • •	• • • • • •		

. - 4 - 3º

#### DERATING ECCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND O

USAFETAC, ASHE	EVILLE NO					FROM HU	30KLY 39	3SERVATI	, 3:45
STATION NUMBER	₹ <b>:</b> 747540	LS	ST TO UT	TC: + 6		AFB LA			≱ERIDO MONTH:
					WIND :	SPEED IN			
DIRECTION	1-4	5-9				25-29			43-49
(DEGREES)							- 1 - 4		
(4) 350-010	1.3	1.3	.3	• • • • • •	) <b>* * * *</b> * * * *	••••••	) # * * # <u>* * -</u> -		
020-040	2.0	1.6	. 4	.0					
050-070	2.7	1.5	• 3	c				· · · · · · · · · · · · · · · · · · ·	
(E) 080-100	2.1	1.3	• 2	•0					
110-130	2.3	2.2	• 5	• 0		c.			
149 <b>-</b> 150	4.0	4.3	1.2	• 2					
(S) 170-190	5.3	5.7	1.7	.3	• 1				
200-220	3.6	2.7	• ಚ	. 1					
230-250	2.1	1.1		· 0	***		. + war	-	
(4) 250-230	2.4	1.3	•3	• 1					
270-310	2.0	2.5	1.2	.3	. Э	.0			
320-340	2.9	2.9	1.4	• 2		· · · · · · · -	<u> </u>		
VARIABLE	•••••	••••	••••	. • • • • • •	•••••	•••••			
CALM	!!!!!!!!!		///////	1//////	//////	1111111		/////////	111111111
THTALS	37.1	29.5	3.5	1.2	. 1				
			TC	JTAL NU!	MBER OF	OBSERVA	SYCITA	7200	
				/					

## MOY DE DOCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DRSERVATIONS

SPECO IN KNOTS 25-27 37-34 35-39 49-49 57-64 05 65 TUTAL MEAN MEDIAN  WHIND HIND  3.4 5.2 4.0  4.5 4.6 4.0  4.1 4.6 4.9  5.3 5.2 5.0  11.1 5.5 5.0  14.6 5.5 5.0  7.2 5.2 4.0  3.4 4.4 4.0  4.1 4.9 4.0  7.1 6.4 6.0  7.5 5.3 5.3					HTMOM	: 4PR	אטטא	S: ALL			
3.4 5.2 4.0 4.5 4.3 4.0 4.1 4.6 4.0 4.1 4.6 4.0 11.1 5.5 5.0 11.4 5.5 5.0 7.2 5.2 4.0 3.4 4.4 4.0 4.1 4.9 4.0 7.1 5.4 5.0 7.5 5.3 5.0				35-39	49-49	50 <b>-</b> 64	0E 65	TOTAL	MEAN	MEDIAN	
4.5 4.3 4.0  4.1 4.6 4.0  4.1 4.6 4.0  11.1 5.5 5.0  14.4 5.5 5.0  7.2 5.2 4.0  3.4 4.4 4.0  4.1 4.8 4.0  7.1 5.4 5.0  7.5 5.3 5.3	• • • • • •	• • • • • •	• • • •	• • • • • •					CHIN	a i vo	
4.5 4.5 4.0  4.1 4.6 4.0  5.3 5.2 5.0  11.1 5.5 5.0  14.6 5.5 5.0  7.2 5.2 4.0  3.4 4.4 4.0  4.1 4.8 4.0  7.1 5.4 5.0  7.5 5.3 5.0	• • • • • •	• • • • •	• • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	3.4	5.2	4.0	
4.1 4.6 4.9 5.3 5.2 5.0 11.1 5.5 5.0 14.6 5.5 5.0 7.2 5.2 4.0 3.4 4.4 4.0 4.1 4.9 4.0 7.1 5.4 5.0 7.5 5.3 5.0								4.5	4.8	4.0	
5.3 5.2 5.0  11.1 5.5 5.0  14.6 5.5 5.0  7.2 5.2 4.0  3.4 4.4 4.0  4.1 4.9 4.0  7.1 5.4 5.0  7.5 5.3 5.0								4.5	4.5	4.0	
11.1 5.5 5.0  14.6 5.5 5.0  7.2 5.2 4.0  3.4 4.4 4.0  4.1 4.9 4.0  7.1 6.4 5.0  7.5 5.3 5.0								4.1	4.5	4.0	
14.6 5.5 5.0  7.2 5.2 4.0  3.4 4.4 4.0  4.1 4.9 4.0  7.1 6.4 5.0  7.5 5.3 5.5	• )							5.0	5.2	5.0	
7.2 5.2 4.0 3.4 4.4 4.0 4.1 4.9 4.0 7.5 5.3 5.0 7.6 5.3 5.0								11.1	5.5	5.0	÷
3.4 4.4 4.0 4.1 4.8 4.0 7.1 6.4 5.0 7.5 5.3 5.5								14.5	5.5	5.0	
4.1       4.8       4.0         7.1       5.4       5.0         7.5       5.3       5.3         ////////////////////////////////////								7.2	5.2	4.0	
7.1 5.4 5.0 7.5 5.3 5.3								3.4	4.4	4.0	
7.5 5.3 5.5								4.1	4.9	4.0	
///////////////////////////////////////	• 3							7.1	5.4	5.0	
								7.5	5.3	5.3	
			• • • •	• • • • •			• • • • • •			• • • • • •	
100.0 4.1 5.0	//////	/////	////	//////	///////	///////		23.4	//////	/////	
								100.0	4.1	5.0	

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN OPERATING LOCATION "A" FROM HOURLY DBSERVATIONS USAFETAC, ASHEVILLE NO STATION NAME: ENGLAND AFR LA PERIL STATION NUMBER: 747540 LST TO UTC: + 6 HIVEM CATEGORY A: CRILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 H PENGRA VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 (DESKEES) (M) 350-010 2.1 2.5 020-040 .5 2.5 .3 • 1 050-070 2.1 1.0 .3 (E) 193-196 • 3 1.5 1.7 . 1 110-139 3.4 2.3 1.0 140-150 ٦, ٢ 7.1 1.5 (S) 170-190 7.1 5.5 1.3 . 1 4. ~ 2.2 200**-**220 • ∂ 239-250 1.7 1.3 • 3 (4) 250-240 • 4 • 3 . 1 . 1 270-310 • 1 2.1 1.4 320-340 1.3 3.0  $1 \cdot 3$ . 1 VARIABLE TOTALS 34.5 34.4 11.3 .5 TUTAL NUMBER OF CHISCRYATIONS 772

AF9 LA			O UF RE		N3V 73 - S: ALL	JCT 8	8
FEET WITH VISIAL	LITY G	E 1/2 4	1LE (03	00 METE	RS).		
) BUT LESS THAN SPEED IN KNOTS	• • • • •	• • • • • •		• • • • • •	• • • • • • •	•••••	•••••
25-29 30-34	35-39	4)-49	50 <b>-</b> 54	GE 65	TOTAL	NA BM CVIW	MEDIAN CRIW
• • • • • • • • • • • • • • • •	• • • • •	• • • • • •	• • • • • •	•••••	5.1	5.9	6.0
					4.0	7.3	7.0
				· · · · · · · · · · · · · · · · · · ·	3.7	5•3	4.0
					4.3	6.3	0.0
					6.7	5.2	4.5
					17.2	5.1	5.0
					15.0	5.1	5.0
					7.0	4.5	4.0
					4.0	4.9	5.0
					1.7	5.7	5.0
					4.4	7.8	7.5
					7.5	7.0	7.0

100.0 4.6 5.0

- 4 - 42

USAFETAC, AS	HEAILTE AC					FROM HE	DURLÝ DE	SERVATI	CME	
 STATION NUMBE	R: 747540	ST LS	N NCITA	AME: EN	GLAND	4=8 L4	-		PERIO MONTH	
OTROCTION (DEGREES)	1-4	5 <b>-</b> 9	10-14	15-19		SPEED I: 25-29		35=30	47-49	E. e.
(N) 350-010	2.5	.3	.1	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	
020-040	2.5	• 9								
959 <del>-</del> 979	2.6	1								,
(E) 030-100	•9	• 1								
110-130	1.3	1.1								
140-150	5•0	1.3	. • 2			_ ,				
(5) 170-190	5.3	4.0								İ
200-220	3 • 1	• 5								- 1
230-250	1, • =	• 5	• 2							ı
(A) 250+2°0	1.7									
290-310	1.3	• 5								
320-340	2.9	1.4	• 2							Ì
VARIABLE	•••••	• • • • •	• • • • • •		••••	•••••		•••••	* * * * * * *	• • •
CALM	/////////	/////	///////	///////	//////	///////	///////	///////	///////	11/
TOTALS	33.0	11.2	.7				<u>.</u>			
				ıL NUM	BER OF	gaseava	T I D4S	230		1

ENCY OF DECURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

and the second of the second o

AFR LA	**************************************		MONTH	D OF RE		NOV 73 - RS: 00-02			
SPEED IN 25-29		35-39		50-64		ŤĴŤAL <u>%</u>	CNIW	MEDIÁN WIND	
• • • • • • •	• • • • • •					2.9	3.2	3.0	
		-				3.4	3.5	3.0	
				Parci — I Parkins Fili - I saltoni		2.7	2.5	2.0	
						1.0	3.0	3.0	
						2.9	4.3	4.0	
						8.1	3.5	3.0	
						9.8	4.0	4.0	
						3.7	3.2	20	
						2.6	3.9	3.5	
						1.7	2.4	2.5	
						1.8	4.1	4.0	
						4.5	3.8	3.0	
· · · · · · · · · · · ·		• • • • • •	• • • • • •			• • • • • • •		• • • • • •	
/////////	(/////	//////	//////	//////	//////	7 54.7	/////	/////	
						100.0	1.6	3.0	
3851 RVA1	TONS	930					,		

DPERATING LOCAUSAFETAC, ASH			PERC	ENTAGE	FREQUE				ICE SURF SERVATI	FACE WIN	o ota
STATION NUMBER	<b>&lt;:</b> 747540		N NCITA		NGLAND	AFB L	Δ			PERTO PTVCM	
• • • • • • • • • • • • • • •		••••	• • • • • •	• • • • • •		SPEED	I	KNOTS	• • • • • •	• • • • • •	• • • • •
DIRECTION (DEGREES)			10-14		20-24	25=	29			40~49	५० <b>-</b> -
(N) 350-010	3.4	1.0	•••••	• • • • • •	• • • • •	• • • • •	• • •	• • • • • •	•••••	•••••	• • • • •
020-049	1.5	• 2	• 1								
050-070	1.7	. • 5			<u></u>		*******				
(=) 080-100	• 3	. 4									
110-130	3.3	. 3									
140-150	5.3	2.3	. 1					<u></u>			i
(S) 170-190	4.3	1.7									
200-220	2.3	1.2									
230-250	1.0	. 1	. 1	-			_				
(4) 250-230	2.0	. 3									
270-310	2.0	. 1	. 1								- }
320-340	3.7	1,.3	2					-			
VARIABLÉ	• • • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • •	• • • • • •	•••••	•••••	•••
CAL	/////////	/////	//////	//////	/////	/////	///	//////	///////	///////	111
TOTALS	31.3	9.4	• 5			pt.					
			TO	ITAL NUI	48E8 01	= กูลระ	2V4	RIONS	930		
							• • •				

. .

c - 4 - 42

NCY OF DECURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY DESERVATIONS

1.9 2.3	3.3 3.4	MEDIAN WIND 3.0 2.0
1.9	3.4	3.0
		2.0
2.3		
	3.7	3.0
1.0	3,8	2.0
3.7	2.8	2.0
7.5	3.7	3.0
5.2	3.7	3.0
3.4	4.0	4.0
1.2	3.5	3.0
2.4	2.9	2.5
2.3	2.7	2.0
5.2	3.3	4.0
	7.5 5.2 3.4 1.2 2.4 2.3	7.6 3.7 5.2 3.7 3.4 4.0 1.2 3.5 2.4 2.9 2.3 2.7

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND OPERATING LOCATION "A" FROM HOURLY OBSERVATIONS USAFETAC. ASHEVILLE NO PIRITO STATION NUMBER: 747540 STATION NAME: ENGLAND AFS LA LST TO UTC: + 6 \*PINTH: WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 DIRECTION (BEGREES) (N) 350-010 2.3 1.6 • 3 2.2 • 3 020-040 • 1 050-070 3.4 1.1 • 4 (F) 030-100 . 1 1.2 . 5 110-130  $\sim 1$ 1.3 o.⊼ . 5 147-150 5.0 (5) 170-199 5.6 . 4 3.0 200-223 1.7 1.4 . 1 230-250 7.5 • 5 . 1 (A) 250=290 2.5 • 3 • 1 230-310 3.5 • 4 320-340 2.5 1.9 VAPIABLE CALM FOTALS 45.2 20.5 2.3

TOTAL NUMBER OF OBSERVATIONS

ICY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

VI CBER		• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •	
25-29	30-34	35-39	45-49	50-64	GE 65	TOTAL	MEAN WIND	MAIGEM COIL	
• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		4.2	4.8	4.0	
						3.0	4.1	4.0	
			· · · · · · · · · · · · · · · · · · ·			4.9	3.9	3.0	erkansen i 1771 samparkka elitika i Makinga espiration kiliperen kanga
						4.2	3.8	4.0	
						3.2	3.3	4.0	
-						16.0	4.4	4.0	
						9.3	4.2	4.0	
						3.4	4.7	4.0	
				,,	*** ** 151 tal 90 1120	3.5	3.1	2.0	and the same of th
						3.3	3.5	3.0	
						4.0	2.9	3.0	
						4.3	4.4	4.0	

100.5 2.5 4.0

03554VATION\$ 930

OPERATING LOCATION MAN PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND ) USAFETAC, ASHEVILLE NO FROM HOURLY JOSERVATIONS STATION NUMBER: 747545 STATION NAME: ENGLAND AF3 LA 757700 MENTH: LST TO UTC: + 6 WIND SPEED IN KNOTS DIRECTION 10-14 15-19 20-24 25-29 30-34 35-39 40-49 (DEGPEES) (N) 350-010 • 2 020-040 3.7 1.7 . 3 250-070 . 2 1.9 4.0 (F) 030-100 2.3 2.8 . 2 110-130 3.3 4.0 • 5 7.7 140-150 1.7 . 2 (5) 170-190 4.9 9.7 2.4 200-220 3.4 . . 230-250 4.1 1.9 . 2 (4) 260-230 2.3 • 3 • 5 . 5 290-310 2.5 1.7 320-340 VARIABLE CALM C.F TOTALS 44.5 39.7 • 3 TOTAL NUMBER OF OBSERVATIONS

- 4 - .,4

# FQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM PLANTED AND TRANSPORTED FROM PROPERTY OF THE PROPERTY OF T

A CVA	F3 LA					CORD: HOUR			8	
		KNOTS 30-34	35~39	43-49	50-64	GE 65	TOTAL	MĒAÑ	MEDIAN MINO	
	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••		4.3	5.0	4.5	
							5.7	4.4	4.0	
		MANA SIL GALLEY	and the second second				5.1	4.2	4.0	
							5.3	5.0	5.0	
							8.0	4.9	5.0	
			,				15.7	5.7	5.0	
							17.0	6.3	6.0	
							3.6	4.0	4.0	
		,			_		5.2	ز ، 4_	4.0	
							3.9	4.3	3.0	
							4.7	5.1	4.0	
							5.3	5.3	5.0	
• • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •						
////	//////	//////	////////	//////	//////	'//////				
					orani a an e anni a		100.0	4.ह	5.0	Manager of the Control of the Contro
ar (	JASE#VA	TIDAS	930				,			

OPERATING LOCATION "A" USAFETAC, ASMEVILLE NO

### PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND FROM HOURLY DESERVATIONS

STATION NUMBER	747540		7 TU OT T		GLAND AFE LA	PERITO:
DIRECTION (DEGREES)	1-4	5 <b>-</b> 9	10-14	15 <b>-</b> 19	WIND SPEED IN KNOTS 20-24 25-29 30-34 35-39	40+49
(N) 350-010	1.7	2.5	• • • • • • • • • • • • • • • • • • • •	• • • • • •	••••••••••	• • • • • • • •
020-040	3.5	3.3	• 3			
050-070	2.7	2,• 2	• 3		and the second of the second o	
(5) 030-100	2.3	1.3				3
110-130	3.1	2.2	• 5			
140-150	5.1	5.1	2.3	• 2		
(3) 170-190	4.6	11.5	2.5	•1		
200 <del>-</del> 220	5.4	5.1	1.5			
230 <del>-</del> 250	3.•0	1.5	• 4			
(4) 250-200	2.3	1.7	• 3	• 1		
279+310	1.7	1.1	. 3	• 1		
320-340	3.7	3.1	1.5	• 1		
VARIA3E#	•••••	• • • • •	• • • • • •			•••••
CALK	////////	//////	1111111	1/////		////////
TOTALS	37.5	44.2	11.1	• 6		
			۲n	TAL NUM	BER OF DUSFRVATIONS 930	

CY TH OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESERVATIONS

650 IN 25 <b>-</b> 29	KNOTS 30-34	35-37	40-49	50-64	6 <u>5</u> 65	TOTAL	MEAN WIND	MEDIAN GRIND	
• • • • •		• • • • • •		• • • • • •	•••••	4.7	5.9	5.0	
						7.6	5.2	5.0	
			Company Control of the Control of th			5.2	4.6	4.0	
						4.1	4.2	4.7	
	-					5.4	5.0	4.0	
-						15.4	6.2	6.0	
						13.8	6.5	5.0	
						11.7	5.5	5.0	
					<del></del>	4.3	4.7	4.0	
						4.9	4.3	4.0	
						3.7	5.1	5.0	
	,,					3.4	5.1	5.5	
	• • • • • •	• • • • • •		• • • • • •	••••	• • • • • • •		• • • • • •	
/////	//////	//////	//////	//////	///////	4.5	/////	111111	
		··· ·- · ·				0.001	5.4	5.0	

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND OPERATING LOCATION "A" FROM HOURLY DASLEYATIONS USAFETAC, ASHEVILLE NO 3.211 STATION NUMBER: 747540 STATION NAME: ENGLAND AFE LA MOSTH: LST TO UTC: + 6 WIND SPESS IN ANOTS 1-4 5-9 10-14 15-19 20-24 25-27 30-34 35-39 40-47 DIRECTION (DESARES) (N) 350-010 2.1 2.4 1,3 020-040 4.1 3.7 • 3 050-070 3.2 3.3 • 2 (E) 030-100 2.5 1.6 . 1 1.3 1.7 110-130 • 3 140-166 4.3 5 . 3 1.5 . 1 (5) 170-190 3.3 11.1 2.3 200-200 5.3 4 · <sup>1</sup>) 1.9 231-250 2.7 1.7 • 2 (4) 250-200 1.1 1.0 • 5 290-310 1.2 2.) • 5 ءَ ۔ . 1 327-345 2.5 3.7 1.3 VARIABLE 41.5 42.5 10.9 .3 TATALS . ì TOTAL NUMBER OF PASTRVATIONS 930

# CRRINCE SURFACE WIND DIRECTION VERSUS WIND SPEED LY DESCRIPTIONS

TO SERTIO DE RECORDE MUN 75 - OCT 85 MONTHE MAY AURSE 15-17

3 ) = 34	35-39	43-49	50 <b>-</b> 54	GE 55	TOTAL	MEAN	PATOEP CRIK	
		• • • • • •	•••••	•••••	5.5	6.2	5.0	
					a.1	4.5	4.0	
					5 • 3	4.7	5,0	
					4.3	4 • 1	4.)	
					4.)	5.2	5.0	
					11.7	5.1	6.0	
					23.7	5.6	5 • C	
					11.5	ゔ゙゙゙゙゙゙゙ゔ	5.0	
					4.5	4.5	4.0	
					2.7	5•9	5.0	
					4.1	7.0	5.0	
	_				7.5	5.9	6.0	
		• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	
////	//////	//////	///////	///////	4.5	/////	/////	
					100.0	5.3	5.0	

1142 430

5 - 4 - 4

OPERATION LUCATION MAM PERCENTAGE FREQUENCY OF OMEGARINGH SURFACE AINT HISAFETAC, ASHFYILLE NO ARIM HIURLY INS PVATE INT 3-51 1: STATION NUMBER: 74754) STATION NAME: ENGLAND AFR LA LST TO UTC: + 6 43414: WIND SPEED II KNOTS SIRCOTION. 5-4 10-14 15-19 20-24 25-27 30-34 35-34 40-4 1-4 (DESRES) (N) 350-010 • ? 020-040 5.5 2.2 050-070 2.3 4.7 (H) 080-100 3.3 • 5 • I ે. વ 110-137 1.4 14)-150 3. 1 2.4 . 3 . 1 (5) 170-190 15.3 7.4 . 1 200-220 5.5 3.1 • 5 230-250 1.7 • l (3) 250-243 1.) . 5 220-310 • 5 • 5 • 2 . i 320-341 2.3 1.6 ٠ 2 VAPIABLE CAL 1 755.5 23.3 2.6 .3 .I TOTALS TOTAL NUMBER OF DESERVATIONS 330

#### DUENCY OF DOCURRENCE SURFACE AIND DIRECTION VERSUS AIND SPEED FROM HOUSEY DRIEFFANS

10TAL : 4.9	4.4 4.0 3.7 3.5 4.0	MEDIAN HIND 4.0 4.0 3.0 3.0	
4.9 3.0 5.3 4.1 4.2	4.4 4.0 3.7 3.5 4.0	4.0 4.0 3.0 3.0 4.0	
6.3 4.1 4.2 0.5	3.7 3.5 4.0	3.0 3.0 4.0	
4.1 4.2 0.5	3.5	3.0	
4.2 0.5	4.0	4.0	
0.0			
•	4.5	4.0	
23.0			
	4.0	4.0	
19.2	4.3	4.0	
1.9	2.2	2.0	
1.5	4 • 1	4.)	
1.6	5.5	5.9	
4.6	5.4	5.0	
• • • • •			
00.0	3.2	4.0	
2	4.6	2.5 /////	1.6     5.5     5.0       4.6     5.4     5.0       2.5     ////////////////////////////////////

OPERATING LOCAUSATETAC, ASH			SebC	ENTAGE	FREGUE	-		SE SUPE SERVATI	405 4195 345
STATION NOMAS	(1-74794)		N NEITA TU GT T		IGLAND	153 E4			स्टाउ सम्बद्धाः
DIRECTION (DIGREES)	1-4	5-9	1.)-14	15-19		58470 IN 25-33		۱۶-۶۱	47-43 ·
(N) 350-010	3.2	1.0	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • •
020-040	2.7	1.5							
050-070	3.2	1.1							
(F) 080 <b>-1</b> 00	1.7	. 4	• 1						
110-130	3.1	1 • 4	• 2						
140+150	5.1	1.3	• 3						
(5) 170+19)	11.4	5.3	• 1						
200+220	4 • 7	1.6							
230~250	1.6	• 2							
(A) 250~230	1.0	. 1							
290-310	1.4								
320-340	1.6	• 5	• 5						
VARIABLE	• • • • • • •	• • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •
CALII	///////	/////	//////	//////	111111	116 - 11	//////	///////	/////////
TOTAL 5	39.9	14.9	1.2						
			<b>T</b> *]	ITAL NUN	BER DE	OBSERVA	TIONS	930	

N THE DOCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED OUR HOURLY UNSERVATIONS

3 54

_			40-49			55 13[4]		PAIGIP Chin
, <b></b>	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • •	4.2		3.0
						3.5	4.2	4.0
				. ~		4.3	3.6	4 • 1)
						2.3	3.3	3.0
						4.7	4.0	3.5
				<b>.</b> .		7.2	3.9	3.0
						16.3	3.8	3.7
						5.3	3.4	3.0
						1.3	2.7	2.0
						1.1	3.0	2.5
						1.4	2.4	2.0
						2.5	4.8	4.0
	• • • • • •	• • • • • •	• • • • • •	• • • • • •	••••	•••••	• • • • • • •	• • • • • •
/////	///////	//////		//////	////	/// 43.8	11111	111111
					***	100.0	2.1	3.0
BSFRVA	TIENS		• • • • • • •	• • • • • • •	••••	• • • • • • • •	• • • • • • •	•••••

विस्तरिक केन शर्द्धतिश्वः । भूति**ए १**३ **-** विदेश ४३ 🗍

্ - ५ - ५৪

PERCENTAGE EREQUENCY OF JOOURRANCE SUPEACE ATTO COERATING LOCATION "A" ERIM HIJKLY POSICHATI NO USAFRIAC, ASHIVILLE NO STATION NUMBER: 747540 A STATION NAME: ENGLAND AFT LA J- 51 ... भागपात्रकः LST TO UTC: + 6 WIND SPETO IN KNOTS DIRECTION -1 - 4 - 5-9 - 10-14 - 15-19 - 20-24 - 23-2) - 30-34 - 35-39 - 40-49 (DESPEES) (N) 350-010 2.1 020-040 2.2 • 9 . 1 . 1 1.3 . 1 750**-**979 4.0 (5) 030-100 3.3 • 9 110-133 3.3 . I • 3 140-160 7 . . . 2.6 (S) 170-190 5.7 1.7 200-223 4.1 1.0 230-250 4.1 2.0 (A) 250-280 3.3 . 7 . 1 290-310 2 . + • 5 2.7 320-340 . 1 VARIABLE CALM •4 TOTALS 44.7 13.4 TOTAL NUMBER OF OBSERVATIONS 900

### ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

and the second of the second o

AF3 LA			CORO: HOUR	भी)¥ 7ंडी \$: 05 <b>-</b> 09		5
SPECO IN KNOTS	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
4 25-2) 30-34 35-39				TOTAL		4140
••••••	• • • • • •	•••••	•••••	2.9	3.4	2.5
				3.3	4.2	3.0
				5.4	3.7	3.0
				4.2	3.ŭ	2.7
				4.7	3.4	3.0
				9.5	3.6	3.5
				7.3	3.4	3.0
				5.1	2.9	2.0
				5.1	3.5	3.3
				4.1	3.3	3.0
				3.0	2.7	2.0
				2.3	2.5	۷.0
•••••	• • • • • •	•••••	• • • • • •	• • • • • •		• • • • • •
	////////	///////	///////	41.4	/////	/////
				100.0	2.0	3.5
F OBSERVATIONS 900						
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •

c - 4 - 53

. .

OPERATING LOC			PERC	ENTAGE	FREQUE	FROM AD				3 11
STATION NUMBE	?: 747540		N NCITA		IGLAND A	AFB EA			973[] M29[H	
)1RF 0110h (050RE45)	1-4	5-9	10-14	15-19		SPERO IV		35-37	4,-49	. :-
(4) 350-010	1.4	.5	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • •
020-043	1.6	. 7								
050-070	1.7									
(6) 030-100	1.3	. 1								
110-137	1.4	. 3								
140-150	6.5	. 4	• 1							Ì
(S) 170-199	4.7	. 3	• 1							ł
200-220	3.9	• 9	• 1							
230-252	2.3	• 3								•
(A) 260±28)	1.7	. 1								1
290-310	1.3									
320-340	1.7	. 3			-					•
VARIABLE		• • • • •	• • • • • •	• • • • • •	••••	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • •
CALM	/////////	/////	//////	//////	///////	////////	//////	///////	1111111	11
TOTALS	29.0	4.0			···	. He were that were	Tempor de la constitución de la			17,
			10	TAL NU	BER OF	PASERVA	TIDAS	700		}
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	• • • • • • • • •	• • • • •	• • • • • •	• • • • • •	••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • •

^ - 4 - 15°

EQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	• • • • • • •	· · · · · · · · · · · · · · · · · · ·	
ND SPEED IN KNOTS -24 25-27 30-34 35-37 40-49 50-64 GE 55	TOTAL	MEAN CMIN	
•••••••••••••••	2.0	3.4	3.0
	2.2	3.5	3.0
a de la companya del companya del companya de la co	1.2	2.5	2.0
	1.4	2.5	2.5
	1.3	2.9	2.0
	7.1	2.3	2.0
	5.3	2.6	2.0
	4.9	3.2	3.0
	2.7	3.1	3.0
	1.9	2.4	2.3
	1.0	2.3	2.0
	2.0	2.9	2.0
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7 56.5	/////	111111
			2.0

PERCENTAGE FREQUENCY IS NOCHERONOS SHAFACE WILL JOS RATING LOCATION MAN USAFETAG, AS HEVILE - NO ER IM HOUKEY BUSH MAKE DAS STATION NUMBER: 747540 STATION NAME: ENGLAND AND LA → 2 T MO (To): LST TID UTC: + 6 WIND SPEED IN KNOTS DIRECTION 5-7 10-14 15-19 20-24 23-24 33-14 57-57 1 - 4 (03687388) (N) 350-010 020-040 1.3 . 2 . 2 050-070 1.7 . l . 1 (E) 090-100 1.3 . 1 110-130 1.4 . 1 7. 147-150 . 7 (5) 170-130 ₹.) 1.0 200-220 4.7 1.5 230-230 2.9 . 7 (4) 260-230 . 7 . l . 1 • 3 290-310 . 1 320-347 1.0 . 1 VARIABLE CALM TOTALS 33.0 5.4 THTAL NUMBER OF DESERVATIONS

C = 4 = 51

ending the contract of the state of the stat

' IS DOCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED.
IM HIUREY DESERVATIONS

LA CONTRACT				CARO: H3UR			4
50 I4 KNOTS 3-29 30-34	35-39 41	)-49	50-54		-	MEAR CMIN	
•••••	• • • • • • •		• • • • • •	•••••	2.5	3.5	3.0
					1 • 4	3.9	2.0
					1.)	3.0	2.0
					1.4	2.5	2.0
					1.5	2.4	2.0
					7.;	2.5	2.0
					7.0	2.7	2.7
					5.2	3.4	3.0
					3.5	3.3	3.0
					• 9	3.1	2.0
					• 9	3.8	4.3
					1.1	2.3	2.0
• • • • • • • • • • • •	• • • • • • • •	• • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
///////////////////////////////////////	////////	/////	11/1//	///////	51.2	/////	/////
					100.0	1.2	2.5
SERVATIONS	900						
••••••	• • • • • • • •	• • • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • •

PRECENTAGE FREQUENCY OF BOOURRENCH SUPPLACE HIM A SPERATING LOCATION MAN USAFETAC, ASHIVILLE HO FRING ADDREY 1831 SWATE 195 STATION MINER OF 747540 STATION NAME: ENGLAND AFS LA 21 R. C. LST TO UTC: + 5 13311: CEILIGS SI 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GO 1/2 HI ANDZER VISIBILITY OF 1/2 MILE (0300 METERS) BUT LESS THAT B MILES (470): WIND SPESS IN KNOTS 1 - 4 - 5-7 - 10-14 - 15-19 - 20-24 - 25-29 - 30-34 - 36-34 - 40-40 (11) 350-010 2.2 1.5 123-14. · . .. • 3 25)-17 . . .  $-1 \cdot 2$ (I) 050-151 1.5 • 7 110-130 1.9 7.2 . 1 140-150 7.5 0.2 . t . 1 (3) 170-190 5.5 7.2 . 1 200-220 3.4 1.0 230-250 2.1 . 3 • 5 (4) 260-1-0 2.1 . 3 . 4 . 4 299-310 2.3 • 5 320-340 2.2 4.1 1.5 VARIABLE CAL'1 40.7 25.0 3.5 .1 TOTALS TOTAL NUMBER OF ORSERVATIONS 578

0 - 4 - 50

\_ \_

V OF BECURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED RIM HURLY BRSERVATIONS

 $s\in L(\Lambda)$ 

	PULL AND CLIN	S: ALL			
1 MILH AISIBIFILA 25 TA					
UT LESS THAY 3 MILES 14					
(1) IN KNOTS (8-2) 30-34 35-34 40-					
	• • • • • • • • • • • • • • • •	· · · · · · · ·	CB1k	• • • • • • •	
	• • • • • • • • • • • • • • • •	- • • • • • • •	4.9	• • • • • •	
		2.7	2.4	2.0	
		3.4	3.7	3.0	
		2.4	3.4	3.5	
		7.2	4.0	4.0	
		14.5	4.9	4.0	
		12.3	4.4	4.0	
		5.3	3.5	3.0	
	<del>-</del>	2.9	4.0	3.0	
		2.9	4.0	3.0	
		3 • '1	4.0	3.5	
		8.0	5.3	7.5	
	• • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	30.2	111111	/////	
		- TAX	and the second s	4.0	

PERTOD DE RECORDE THOV 78 - DCT 98

C - 4 - 50

:

STATION NUMBE	₹: 747549				IGLAND	AFB LA				: د. مین
• • • • • • • • • • •			st to or						• • • • • •	••••
DIRECTION	1-4	5-7			20-24		) 35	-	35-34	٠٠.
(0864678)	• • • • • • • • •	••••	• • • • • •	• • • • • •	• • • • •	• • • • • •	• • • •	<u>•</u> • • •	• • • • • •	
(N) 350-010	2.5	1.5	. 3	.0	• • • • • •	• • • • • •	• • • • •	• • • •	• • • • • •	
027-343	3.2	1.9	• 2							
050-070	3.2	1.0	•1							
(E) 030-100	2.1	1.1	• 1	• 0						
110-130	3.3	1.7	• 2							
140-150	7.7	4.5	.9	. 1						
S) 170-190	7.7	5.7	1.0	. 0	• 0					
200-220	4.2	2.5	•5							
230-250	2.3	• ઇ	• 2							
(M) 260 <b>-</b> 280	1.0	• 6	• ?	c.						
290-310	1.3	• 9	.3	• 1		•	<b>O</b>			
320±340	2.7	2.5	.7	. 3	,			- · .		
VARIABLE	• • • • • • • • •					• • • • •	• • • •	••••	• • • • • •	
CALM	////////	1////	'//////	'//////	///////	/////	/////	////	///////	1111
TOTALS	40.3	25.7	4.9	• 2						
			ĭr	TAL NU	4BER OF	093ER	VATIO	48	7440	

Ţ

### CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HURLY OBSERVATIONS

FB LA PERIOD DE RECORD: " MONTH: MAY HOUR	NOV 73 - S: ALL	- n <b>ct</b> 8	3	
PEED IN KNOTS 25-27 37-34 35-39 40-49 50-54 GE 65	LATET	MEAN	WAIGEM	
	<del>,,,,,</del>	arvo.	GVIN	 
	4.5	4.7	4.0	
	5.2	4.4	4.0	
	4,3	4.0	4.0	
	3.3	4.1	4.0	
	5.2	4.3	4.0	
	11.2	5.0	4.0	 
	15.5	5.0	5.0	
	7.4	4.7	4.0	
	3.3	3.9	3.0	 **
	2.7	4.1	3.0	
• 9	2.9	4.8	4.0	
	5.4	5.1	4.0	 
		• • • • • •	• • • • • •	
			=	
//////////////////////////////////////	28.5	/////	/////	 
	100.0	3.3	4.0	
ORSERVATIONS 7440		<i>.</i>	••••	

C = 4 = 49

OPERATING LOCATION "A" PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND OF USAFETAC. ASHEVILLE NO FROM HOURLY DASERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFT LA 6F3100 0 LST TO UTC: + 6 WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 (DEGREES) (N) 350-010 3.2 • 9 020-040 3.5 2.2 • 2 050-070 2.3 2.1 • 2 (001-080 (1) 4.4 2.6 110-130 3.3 . 1 3.3 140-150 5.0 4.3 (5) 170-190 7.5 4.9 . 2 200-220 5.0 3.5 230-250 5.5 3.7 . 3 (W) 250-225 4.) 1.4 . 2 290-310 3.0 1.1 . 1 320-345 1.4 3.4 VARIABLE CALM 55.5 31.9 1.9 TOTALS TOTAL NUMBER OF OBSERVATIONS 900

### REQUENCY OF OCCURRENCE SURFACE ALINO DIRECTION VERSUS WIND SPEED FROM HOURLY DBSERVATIONS

PEED IN KNOTS - 25-29   30-34   35-39   40-49   50-64   GE 65	TÖTAL	MEAN	MEDIAN
	"	MIND	GNIW
	4.2	3.5	3.0
-	6,•0	4.3	4.0
	5.1	4.5	4.0
	7.0	3, 9	4,•0
	5 • 3	4.9	5.0
	10.2	4.8	5.0
	12.7	4.2	4.0
	10.4	3.8	4.0
	10.6	4.0	4.0
	6.6	3.5	3.0
	5.3	3.2	2.0
	5.0	3.3	4.0
•••••••••••••••••	•••••	• • • • • •	• • • • • •
	10.4	[[]]	/////
	100.0	3.7	4.0
OBSERVATIONS 900	1000	J	

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE MIND DPERATING LOCATION "A" FROM HOURLY OBSERVATIONS USAFETAC. ASHEVILLE NO STATION NAME: ENGLAND AFR LA STATION NUMBER: 747540 **⊅**E**₹**[:) LST TO UTC: + 6 MONTHE WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 DIRECTION (DEGREES) (N) 350-010 020-040 3.1 3.0 • 2 050-070 3.1 2.1 . 1 (E) 030-100 3.7 3.1 110-130 • 1 4.6 5.8 5.7 • 3 • 3 140-150 7.0 (S) 170-190 5.5 • 2 200-220 7.0 3.) • 3 230-250 5.0 . 1 4.3 (4) 250-230 1.9 3.2 290-310 2.3 1.2 320-340 3.2 . 7 • 2 VARIABLE TOTALS 53.0 37.7 1.7 .3 TOTAL NUMBER OF DASERVATIONS 200

6 - 4 - 55

### GOCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED HOURLY DOSERVATIONS

1	PERTOD OF RECORD: MONTH: JUN HOUR				
IN KNOTS 29 30-34 35-39	40-49 50-64 GE 65	TOTAL ?	MEAN WIND	MEDIAN WIND	
	• • • • • • • • • • • • • • • • • • • •	5.0	4.3	4.0	
		5.3	4.6	5.0	
		5.3	4.3	4.0	
		6.9	4.5	4.0	
		9.2	4.8	5.9	
		12.1	5.2	5.0	The second secon
		13.7	4.4	4.0	
		11.2	4.1	4.0	
		10.3	4.3	4.0	
		5.1	4.1	4.0	
		3.6	3.8	4.0	
		4.1	4.0	4.3	
, . ,		• • • • • •		• • • • • •	
		7.2	[]]]]]	111111	
		100.0	4.1	4.0	

The same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the sa

. . . . . . . . .

PERCENTAGE FREQUENCY OF DOCURRENCE SURFACE WIND DI OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FROM HOURLY DASERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA DERIGO 36 LST TO UTC: + 6 WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-21 30-34 35-31 40-49 50-(DESREES) (N) 350-010020-040 2.3 3.0 . 8 050-070 1.4 • 1 (E) 090-100 3.7 2.5 110-130 • 2 4.3 3.6 140-150 4.5 4.1 (S) 170-190 6.9 9.3 . 3 230-220 4.1 4.6 230-250 2.7 • 2 5.1 (4) 250-230 • 3 • 2 1.5 290-310 . 7 • 4 1.4 320-340 VARIABLE CALM 197ALS 51.0 33.9 4.5 .1 .1 TOTAL NUMBER OF OBSERVATIONS

### DURLY DESERVATIONS

5	.7 .6	1EAN 1ND 5.5 5.3	MEDIAN WIND 5.0	
5	.7 .6	5.5	5.0	
5	•6			
		5.3		
5			5.0	
	• 7	3.9	4.0	
. · · · · · · · · · · · · · · · · · · ·	. 2	4.4	4.0	
3	•6	4.7	4.0	
Q	• 4	4.8	4.0	
17	• 1	4.3	4.0	
13	• 0	4.2	4.0	
8	• 2	4.5	4.0	
2	•6	4.3	4.0	
2	• 6	5.0	4.0	
4	. 1	4.9	4.0	

The second secon

¢ - 4 - ~56 - - - -

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF DOCURRENCE SUPFACE 41 USAFETAC, ASHEVILLE NO FROM HOURLY THSEPVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFE LA LST TO UTC: + 6 MO AT WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 1 - 4 (OFGREES) (N) 350-010 1.2 2.7 1.7 020-040 • 6 950-070 3.9 1.1 • 1 . 1 (E) 080-100 3.1 1.5 110-130 4.7 1.0 .2 140-150 7.9 3.1 (S) 170-190 15.2 4.4 . 3 200-220 7.5 2.2 230-250 2.1 • 3 (A) 260-280 1.0 290-310 • 7 . 2 . 1 320-340 1.2 VARIABLE CALM TOTALS 54.5 13.1 1.8 .1 TOTAL NUMBER OF OBSERVATIONS

6 - 4 - 57

REQUENCY OF OCCURRENCE SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

LAND AFB LA			CORD: HOUR!			3	
WIND SPEED IN KNOTS		• • • • • •				• • • • • •	
29-24 25-29 30-34	35-39 40-49	50-64	GE 65	TOTAL %		MAIGEM CRIW	
••••••	• • • • • • • • • • •	• • • • • •		<b>3.</b> 9	3.8	3.0	
				4.9	4.9	4.0	
				5.1	3.9	4.0	
				4.7	3.8	4.0	
				5.9	3.5	3.0	
				11.3	3.9	3.0	
				20.0	3.5	3.0	
				9.3	3.4	3.0	
				2.4	3.5	3.5	
				1.0	2.3	2.0	
				1.0	4.1	2.0	
				2.5	4.7	5.0	
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
///////////////////////////////////////		1111111	//////	25.4	/////	/////	
s				100.0	2.3	3.0	,
ER OF OBSERVATIONS	900						

OPERATING LOCAL USAFETAC, ASHE			PERC	ENTAGE	FREQUENC			ISERVATI	
 STATION NUMBER	2: 747540	LS	t to ut	C: + 6	GLAND AF	'Á LÀ			9551 WUA1
 OTRECTION (DEGREES)	1-4			15-19	WIND SF 20-24			35-39	49-47
(N) 350-010	2.4	• 5	• • • • • •	•••••	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •
020-040	1.9	• 7							
252-073	2.0	• 4	• 1						
(E) 030 <b>-1</b> 00	2.3	. 3							
110-130	2.3	. 5							
140-150	3.3	. 3							
(5) 170-190	11.7	1.5							
200-220	5.3	2.3		.1					
230-250	• 4	• 5							
(W) 250-290	.7	• 1							
290-310	• 1								
329-340	1.3	. 3							
VARIABLE	• • • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • •	•••••	• • • • •
CALM	////////	/////	//////	///////	////////	111111	//////	///////	//////
THTALS	42.1	8.8	.T	·			- <del> </del>		
			<b>T</b> 0	ITAL NUM	BER OF S	AVP 22 P	TIDNS	900	
• • • • • • • • • • • • •	• • • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •

r - 4 - 59

# ICY OF DECURRENCE SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DRSERVATIONS

PEED IN KNOTS   25-29   30-34	35-30	40-40	50-64	CE 65	TOTAL	MEAN	MEDIAN
21-27 30-34					1 J I A L		GRIM
	• • • • • • •	• • • • • •	• • • • • •	•••••	3.0	3.0	2.0
					2.6	3.1	3.0
					3.3	3.3	3.0
					2.7	2.9	2.5
					3.3	2.8	2.0
					10.1	2.7	2.0
					13.4	2.7	2.0
					გ.7	3.9	4.0
					1.3	4.4	4.0
					• 8	3.1	3.0
					• 1	2.0	2.0
					1.7	3.2	2.0
	• • • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •
		,,,,,,,	1111111	1111111	49.0	111111	
· · · · · · · · · · · · · · · · · · ·					100.0	1.6	2.7

PORKATING LOCATION "A" PERCENTAGE FREQUENCY UP DOCURRENCE SUPERCE RITH. HISAFETAC, ASHEVILLE NO FROM HOURLY POSERVATIONS 2-(21) STATION WUMBER: 747540 STATION NAME: ENGLAND AFR LA LST TO UTC: + 5 MINTH: AIND SPEED IN CHOIS DIRECTION 1-4 5-7 10-14 15-19 20-24 25-27 30-34 30-39 40-47 2.7 (N) 350-010 1.0 • 2 227-243 2.4 1.5 . 3 · ) 959-973 ્રે . ો 1.1 . 1 • 0 2.3 (F) 080-100 1.4 110-130 3.3 1.3 . 1 140-160 >.7 2.4 . 2 • 0 (3) (17)-170· • 3.3 • 2 200-225 4, 6. 2.5 . l • ĵ 230-250 3.7 1. . 1 • 0 (4) 260-230 · · 1 **ن .** . 1 390-310 1.6 • 5 . 1 .0 320-340 2.1 .7 . 1 VANTABLE THITALS 45.3 19.1 1.6 TOTAL NUMBER OF JBSORVATIONS 7200

#### FREQUENCY OF DOCUMENCE SURFACE WIND DIRECTION VERSUS AIND SPEED FROM HUNCLY PUSCENATIONS

GLAND AFO	LA					\$733: 4703		- DCT E	o o
AINO SPIS 20-24 26	E0 14	KNOTS				07 45			••••••• M≃1) [ A ⊒
				• • • • • •			• • • • • •		CVIN
	• • • • •	• • • • •		• • • • • •	• • • • • •	• • • • • •	, 3,9		4.0
								4.5	
							4.1	3.9	4.5
							4.3	3.8	4.0
							5.2	4.1	4.0
							9.7	3.9	
							12.3	3.5	3.0
							€.7	3.7	3.0
• າ							5.7	4.0	4.0
							2.9	3.5	3.0
							2 • 1	3.5	3.C
			2				5.9	3.8	3.0
• • • • • • •	••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
/////////	11/1/	///////	//////	//////	//////	//////	34.0	/////	/////
							100.0	2.5	4.0
S <b>≺ J= J</b> 59	SIKVAT	IJVS	7200						

OPERATING LOUSAFETAC. AS			PERCE	ENTAGE	FREQU			CURREN RLY JR			4143
STATÍDA NUME	93: 747540		ATION NA		GLAND	AFR I	_4			2 <u>9</u> 41	दिश्चित्र अग्नसः
•••••	• • • • • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
CATEGURY A:	CEILING OF	200	BUT LESS			FEET	чПп	visia	ILITY	37 17	/S 41F
-	VISIBILITY				METER						
• • • • • • • • • • • •	• • • • • • • • • • •	• • • • •	• • • • • • • •		WIND				• • • • •	• • • • •	• • • • •
	1-4			15-19	20-2	4 25	- 2 3	30-34			
(DEGREES)											• • • • •
(N) 350-010			• • • • • • •	• • • • •	• • • • •	• • • • •	• • • •	• • • • •	• • • • •	• • • • •	
222-243	2 • 2	• 2	• 7								
050-070	1.9	• 2	• 2								
(=) 030-100	3.7	. 7									
110-130	3.9	2.4	• 5								
140-150	11.7	4.4	1.0			-					
(S) 170-170	13.5	1.0	• 2								
200-220	3.9	3.2	• 2								
230-250	2.9	• 5	. 2					-		; ·	
(A) 260-290	1.2	ڌ ∙								,	
290-310	1.9	• 2									
320-345	1.5	• 2			*						
VARIABLE	• • • • • • • • • •	• • • • •	• • • • • • •	• • • • •	••••	• • • • •	• • • • •	••••	• • • • •	• • • • •	• • • •
CALM	////////	////	/////////	//////	/////	////	////	/////	/////	/////	////
TUTALS	50.1	14.2	3.0	÷				e granden og granden i grande i statistica e			
	• • • • • • • • • •	• • • • •	TOT	TAL NUM	18ER 0	F OBS!	RVAT	LONS	411	••••	

€.

5 - 4 - 5

#### DENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DBSERVATIONS

AUCH .HINOW	5: ALL	• • • • •	• • • • • •	
FEET WITH VISIBILITY GE 1/2 MILE (0800 METE	RS).			
S) 3UT LESS THAN 3 MILES (4800 METERS) WITH	CEILING	GE 200	FEET.	
SPEED IN KNOTS 4 25-23 30-34 35-39 40-49 50-64 GE 65		MEAN	MEDIAN	
	* * * * * * * * * * * * * * * * * * *	CŅIW	CNIK	
	2.2	4.0	2.0	
	3.2	5.0	4.0	
	2.4	4.0	3.5	
	4.6	3.2	3.0	
	6•3	4 . 4	4.0	
	17.0	4.1	4.0	
	14.3	2.9	2.0	
	7.3	4.2	4.0	
	3. ŏ	3.7	3.0	
	1.7	3.5	3.0	
	2.2	2.7	2.0	
	1.7	3.1	3.0	
			• • • • • •	
///////////////////////////////////////	32.4	/////	111111	
	100.0	2.5	3.0	

6 - 4 - 60

DIRECTION 1-4 5-9 10-14 15-19 20-24 25-27 30-34 35-3 (DEGREES) 1-4 5-9 10-14 15-19 20-24 25-27 30-34 35-3 (N) 350-010 .5	UN MOTTATS	MBER: 747540		NETTATION TO		GLAÑD	AEB LA		
(N) 350-010	DIGECTI	331 1-6	5=0	10-16	15-10				
020-040 1.9 .4 050-070 2.0 .2 (E) 080-100 1.2 .3 110-130 1.9 .2 .3 140-160 5.7 .4 .2 .1 (S) 170-190 5.7 .1 200-220 4.0 .5 230-230 4.1 1.2 (W) 250-230 1.3 .2 290-310 .3 320-340 .3 .1			ე <b>-</b> ყ 	10-14	10-17	20-24	<u> </u>	)UT )4	30 T 3 7
050-070	(N) 350-31	0 .5		• • • • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • •
(E) 080-100 1.2 .3 .  110-130 1.9 .2 .3  140-160 5.7 .4 .2 .1  (S) 170-190 5.9 .1  200-220 4.0 .5  230-250 4.1 1.2  (W) 250-230 1.3 .2  290-310 .3  320-340 .8 .1	020-04	3 1.9	. 4						
110-130 1.7 .2 .3 140-150 5.7 .4 .2 .1 (S) 170-190 5.7 .1 200-220 4.0 .5 230-250 4.1 1.2 (A) 250-230 1.3 .2 290-310 .3 320-340 .8 .1	050-07	0 2.0	2						
140-150 5.7 .4 .2 .1  (S) 170-190 5.7 .1  200-220 4.0 .5  230-250 4.1 1.2  (W) 250-230 1.3 .2  290-310 .3  320-340 .9 .1	(E) 080-10	n 1.2	• 3		•				
(S) 170-190 5.7 .1 200-220 4.0 .5 230-250 4.1 1.2 (W) 260-230 1.3 .2 290-310 .3 320-340 .3 .1	110-13	3 1.7	• 2	• 3					
200-220 4.0 .5 230-250 4.1 1.2 (W) 250-230 1.3 .2 290-310 .3 320-340 .8 .1	140-15	9 5.7	• 4	• 2	. 1				
233-250 4.1 1.2 (W) 250-230 1.3 .2 290-310 .3 320-340 .8 .1	(S) 170-19	0 5.7	• 1						
(M) 250-230 1.3 .2 290-310 .3 320-340 .9 .1	200-22	0 4.0	• 5						
290-310 .3 320-340 .3 .1 VARIABLE	?30 <del>-</del> 25	0 4.1	1.2			-	4 · • •		
320-340 .8 .1 VARTABLE	(W) 250-23	1.3	• 2						
VARIABLE	290-31	0 .3							
	320-34	<u>0</u> • \$	• 1					• • •	
CALM ////////////////////////////////////	VARTAbL	•••••••• E	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	
	CALM	1111111	//////	///////	///////	//////	1111111	///////	'/////

and the second of the second o

and the second s

### QUENCY OF OCCUPRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESERVATIONS

ND SPEED IN KNOTS -24 25-29 30-34 35-39 40-49 50-64 GE 65			MEDIAN WIND		
		2.3	2.0		
	2.4	3.3	3.0		
	2.3	2.8	2.0		
	1.5	3.4	2.0		
	2.5	3.7	2.0		
	6.5	3.3	2.0	· · · · · · · · · · · · · · · · · · ·	
	6.0	2.4	2.0		
	4.5	2.6	2.0		
	5.3	3.4	3.0		
	1.5	2.9	2.5		
	.8	2.4	2.0		
	.9	2.5	2.0		
		• • • • • •	• • • • • •		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	65.4	111111	/////	-	
	100.0	1.0	2.0		

ST	ATION NUMBE	ER: 747540		N NCITAT		IGLAND	AFB LA			ې د اس
• •	• • • • • • • • •	• • • • • • • • •	L3	1 10 01	(; + o		••••••	• • • • • •		M:
-	OIRECTION (DEGREES)		5-9	10-14	15-19		SPEED IN 25-29			40-
(N	350-010	1.1	.1	• • • • • •	• • • • • •		• • • • • • • •			• • • •
	020-040	1.7	. 3	•1			· -			
	050-070	1.7	. 2	•1						-
(€	030-100	1.3	. 3							
	110-130	1.2	• 5							
	142-152	3.2	• 5		•1			<del></del>	**** *******	·
(S	170-190	3.2	. 4							
	200-220	1.4								
	230-250	2.65					· · · · · · · · · · · · · · · · · · ·			
(4	250-230	3.9	• 4							
	290-310	1.1								
	320-340						· · · · · · · · · · · · · · · · · · ·			
• •	VARIABLE	•••••		•••••	• • • • • •		••••••			•••
	CALM	////////	//////	1111111	7//////	//////	///////	//////	///////	///
	THILS	22.8	7.5	• 2	.1					

5 - 4 - 45

# ENCY OF DECURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUSEY DESERVATIONS

1.2 2.7 2.0 2.2 3.3 2.0 2.3 3.1 2.0 1.6 3.6 2.0 1.4 2.9 2.0 3.9 3.2 2.3 3.7 2.6 2.0 1.4 2.1 2.0 3.0 2.9 3.0 4.3 2.4 2.0 1.1 2.3 2.0 2.1.5 1.5	PEED IN KNOT 25-29 30-3	-	40-49	50-64	GE 65	TOTAL %	MEAN UNIW	MEDIAN GNIK	
2.2 3.3 2.0 2.3 3.1 2.0 1.6 3.6 2.0 1.4 2.9 2.0 3.9 3.2 2.3 3.7 2.6 2.0 1.4 2.1 2.0 3.3 2.9 3.0 4.3 2.4 2.0 1.1 2.3 2.0 .2 1.5 1.5	• • • • • • • • • • •			•••••		1.2	2.7	2.0	
1.6 3.6 2.0 1.4 2.9 2.0 3.9 3.2 2.3 3.7 2.6 2.0 1.4 2.1 2.0 3.0 2.9 3.0 4.3 2.4 2.0 1.1 2.3 2.0 .2 1.5 1.5						2.2	3.3	2.0	
1.4 2.9 2.0 3.9 3.2 2.0 3.7 2.6 2.0 1.4 2.1 2.0 3.0 2.9 3.0 4.3 2.4 2.0 1.1 2.3 2.0 2.2 1.5 1.5	. u su s					2.0	3.1	2.0	
3.9 3.2 2.0  3.7 2.6 2.0  1.4 2.1 2.0  3.0 2.9 3.0  4.3 2.4 2.0  1.1 2.3 2.0  .2 1.5 1.5						1.6	3.6	2.0	
3.7 2.6 2.0 1.4 2.1 2.0 3.0 2.9 3.0 4.3 2.4 2.0 1.1 2.3 2.0 .2 1.5 1.5						1.4	2.9	2.0	
1.4 2.1 2.0 3.0 2.9 3.0 4.3 2.4 2.0 1.1 2.3 2.0 .2 1.5 1.5	and the second second	to the transfer of the second			Magazinia (1. 1. 18. 18. 18. 18. 18. 18. 18. 18. 18	3.9	3.2	2.0	
3.0 2.9 3.0 4.3 2.4 2.0 1.1 2.3 2.0 .2 1.5 1.5						3.7	2.6	2.0	
4.3 2.4 2.0 1.1 2.3 2.0 .2 1.5 1.5						1.4	2.1	2.0	
1.1 2.3 2.0 .2 1.5 1.5		Market Company of September 1995				3.0	2.9	3.0	
.2 1.5 1.5						4.3	2.4	2.0	
						1.1	2.3	2.0	
///////////////////////////////////////					*	• 2	1.5	1.5	
100.3 .7 2.0		(//////////////////////////////////////			•••••	74.1	1.5	1.5	

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE HIND MSAFETAC, ASHEVILLE NO PRIM HOURLY DASERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA PER100 LST TO UTC: + 6 MONTH: WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 30-34 35-39 DIRECTION (DEGREES) (M) 350-010 020-040 3.0 .8 050-070 2.5 . 1 (E) 080-100 2.4 • 5 • 5 110-130 2.5 • 6 4.9 140-160 . 6 • 5 . 1 4.7 (S) 170-190 • 3 200-220 1.7 . 4 . l 230-250 3.2 • 3 • 1 (H) 260-230 7.5 1.3 . 1 . 4 290-310 4.0 2.5 • 3 VARIABLE CALY TOTALS 41.4 5.3 1.0 .1 TOTAL NUMBER OF DASERVATIONS

#### QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DRSERVATIONS

j !	IF3 LA				DO JF RE H:_JUL		75 - 06-08		8	
	SPEED IN 25-29		35-39		50-64	GE 65	TOTAL	MEAN WIND	MAÎGEM ONIE	···
• • •	• • • • • • •					• • • • • •	2.3	2.8	3.0	
							3.8	3.2	3.0	
	v v v	THE R PERSON LINES				en enganan asa sasa dahib asaba sa Masse Perg	2.5	2.4	2.0	
							3.1	3.6	3.0	
					-		3.1	3 • 1	2.0	
						of Management State Sharper (1971 - 1972)	6.2	3.8	2.0	
							5.1	2.5	2.0	
							2.5	3.3	2.0	
	No						4.2	3.4	3.0	alifornia addigentari en armellen pyrania ambel Manhabada
							9.5	3.4	3.0	
							4.4	2.9	3.0	
							2.9	3.1	3.0	
		•••••	,,,,,,,,	•••••		••••••	5ñ.4			
							100.0	1.5	3.0	
35		r v Hale	-0.5.0				100.0		<b>9•9</b>	
OF.	TBSERVA"	•••••	930							

C = 4 = 63

		TION "A"		PERC	ENTAGE				CE SURF SERVATI	
STATIO	ଧ ଐଧିM8≓ସ	: 747545		N VEITA	IAME: EN	GLAND A	8 [4			PERIO MONTH
	ECTION SPRES)	1-4	5 <b>-</b> 9	10-14	15-19	WIND SE 20-24			35 <b>-</b> 39	40-49
(N) 350	0-010	3.3	1.0	.1	• • • • • •	• • • • • •		• • • • • •		
020	0-040	3.1	1.5							
053	0-070	2.8	1.5							
(E) 080	0-100	2.6	• 2							
113	0-130	4.7	1.4	•1			٠			
143	9-150	3.5	1, • 3							
(5) 170	0-190	4.7	1.7	• 3	•1					
200	0-220	7.2	2.5		•1					
230	250	B. 9	2.2							
(W) 250	0-290	17.5	3.7	•1						
290	0-310	7.7	1.8							
320	3-340	4.1	1.9	•2	.1	** ** * ** ** ** **			·	
VAR	IA3LE	• • • • • • •	• • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
CAL	_'1 .	////////	/////	//////	///////	//////	//////	///////	///////	//////
TOTA	AL'5	··· 53.4 ···	21.4	1.2	.3			er Barrer - et et temperatur av en et temperatur	<b></b>	
				† ំ	ITAL NUM	AFR AF	TRSERVA	TIONS	930	

MCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

			: JUL	HOUR	5: 09-1	l • • • • • • •				
	35-39	40-49	50-64	GÉ 65		MEĀN AIND	MAIGEM CHIW			
• • • • • • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	4.4	3.3	3.0			
					4.7	3.9	4.0			
		Mar - Sent Holland - Allenda Austria		e en la como como como como en alcono en alcono	4.4	3.3	4.0			
					2.8	3.1	3.0			
					5.2	3.6	3.0			
			a 1		6.1	4.4	4.0			
					6.8	4.1	4.0		-	
					9.8	3.5	3.0			
				and and a second of the second	11.1	3.2	3.0		and and a contract of the cont	
					14.3	3.6	3.0			
					9.6	3.2	3.0			
as as a super book		Mile William Paul Vallande marile o paper del program		man and a specific construction of the constru	6.3	4.0	4.0			
• • • • • • • • • • • • •	•••••		• • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • •	-		
· ·///////////////////////////////////	(1//////	1111111	//////		13.4	//////	111111			
· who is also a managed to the second					100.0	3.1	3.0	<del></del>		-
OBSERVATIONS	930									
• • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •			

PERCENTAGE FREQUENCY OF OCCURRENCE SUPPACE OPERATING LOCATION "A" FROM HOURLY DASSERVATIONS USAFFTAC, ASTEVILLE NO STATION NAME: ENGLAND AFR LA STATION NUMBER: 747543 LST TO UTC: + 6 WIND SPEED IN KNOTS 15-19 20-24 25-21 30-34 DIRECTION (DEGREES) (N) 350-010 • 3 3.4 1.2 020-040 3.3 1.9 • 3 050-070 3.7 1.7 (E) 030-100 2.4 4.3 . 1 110-130 5.7 2.2 . 1 • 3 140-150 1.9 5.5 (S) 170-190 9.7 3.5 • 3 200-220 3.4 2.4 . 1 9.0 230-250 1.9 . 1 (4) 260-280 6.2 1.2 290-310 4.3 • 3 . 1 320-340 2.5 1.1 . 1 VARIABLE CALT

TOTAL NUMBER OF DBSERVATIONS

. .-

55.1 22.1 1.7

TOTALS

#### EQUENCY OF OCCURRENCE SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

1 Ch1	FR LA			HINDM	: JUL	10080: 11008	73 73 S: 12-1	- JCT 3 4	3	 
	PZED IN 25-24		35 <b>-3</b> 9	40-49		GF 65	TOTAL	MFAN	MEDIAN	
- '							3	CNIW	GNIW	 - ·- · ·
• • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	4.9	4.2	4.0	
							5.5	4.3	4.0	
		···					5 • 4	3.9	4.3	 
							5 <b>€</b>	4.2	3.0	
• 1							8.0	3.9	4.0	
		· · · ·	····				7.9	4.0	3.0	 -
							12.6	3.7	3.0	
							11.3	3.1	2.0	
			The second section of the second			. paper per papersonales commenda con de	11.5	3.2	3.0	
							7.4	3.1	3.0	
							5.2	3.3	3.0	
					144 - 495 - 17 - 17 - 17 - 17		3.7	3.3	3.0	 
• • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		
////	//////	//////	///////	//////	//////	1/////	9.9	/////	/////	
.1			. <del></del>				100.0	3.3	3.0	 
OF :	DBSERVA"	TIONS	930							
• • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	
										 <del></del>

OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF DOCUMENCE SURFACE WI MISAFETAC, ASHEVILLE MO FROM HOURLY PASSERVATIONS STATION NUMBER: 747540 A BEA CHAIDER FAMAR MEITATE 2. . . I LST TO UTC: + 6 4771 WIND SPEED IN KHOTS DIRECTION -1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 49-49(DEGREES) (4) 350-010 020-040 3.3 1.3 • 2 . 2 350-073 4.3 2.4 . 1 (5) 080-100 2.7 . 4 3.4 110-130 4.7 3.8 140-150 5.5 · · ) . 1 . 1 (S) 170-193 11.5 4.1 200-220 2.5 10.3 • 2 230-250 5.2 1.5 . 1 (4) 250-250 3.4 • 5 290-310 1.5 • 3 • 3 320-340 1.5 1.5 . 2 VARIABLE CALI 50.4 26.5 2.3 .2 .1 TOTALS TOTAL NUMBER OF OBSERVATIONS 930

#### THE MODURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED OF FOURLY DESERVATIONS

GE 65	2.6	4.2 4.9 4.0	4.0		<u></u> .
	5.7 5.3 5.9	4.9	4.0		
	5.9	4.0	4.0		
	5.9				
		4.6	4.0		
	9.0		T . /		
	. • •	4.5	4.9		
	11.0	4.4	4.0		
	15.0	3.9	3.0		
	13.0	3.2	2.0		
	9.3	3.1	3.9		
	4.1	3.0	3.0		
	2.6	4.4	3.5		
	3.3	4.4	5.0		
• • • • • •	• • • • • • •	• • • • • •	• • • • •		
//////	10.2	/////	/////		
-,	100.5	3.6	4.5		
		////// 10.2	////// 10.2 //////	3.3 4.4 5.0 ////// 10.2 ////////// 100.5 3.6 4.0	////// 10.2 ////////

c - 4 - 66

STĀ	TION NUMBE	747543	LS	V NCITA TU ET T	C: + 5						М()•{
	DIRECTION (DEGREES)	1-4		10-14		WIND 20-24	SPEC0 4 25-	IN 29	KNOTS 30-34		40-4
(1)	350-010	1.5	.2	• • • • • •	•••••	• • • • •		. 1	• • • • • •	•••••	
	020-040	1.9	• Q	• 1							
	050-070	3.7	. 5	• i	-		-				-
(3)	080-100	3.5	1.5	• 1							
	110-130	5.5	2.0		. 1						
	140-150	9.6	12.7	• 2	• 2				_ ,		
(5)	170-190	14.5	2.0		• 1						
	200-220	<b>5.9</b>	• 5								
	<b>231-</b> 250	3.2	• 5				184 14 141				
(a)	260-230	1.5	• 3								
	290-310	1.5	• 2		.1						
	320-340	1.0	. 2								
•••	VARIABLE	• • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • •		• • • •	• • • • •	• • • • • •	• • • • •
	_	////////	,,,,,,	,,,,,,,	,,,,,,			, , , ,			
											/////
•	TOTALS	54.9	11.7	• 5	• 5			. 1			

• • •

 $(x_1,x_2,\dots,x_{n-1},x_n) = (x_1,x_2,\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1},\dots,x_{n-1}$ 

Ĺ

#### TAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

F: EN + 5	GLAND A	N=8 LA	· e · · · menujen · · · · · · · · · · · · · · · · · · ·			ID OF RE	CORD: 1	73 V 73 - S: 18-20		3
5-19	WIND S	SPEED IN 25-29	KNOTS 30-34	35-39	40-49	50-64	ĞĒ 65			MEDIAN WIND
• • • • •	• • • • • •	.1			• • • • • •	•••••	• • • • • • •	1.5	4.6	3.0
								2.7	3.9	3.0
		The Company of the Company						4.5	3.3	2.9
								5.5	3.8	4.0
• 1								7.5	3.7	3.0
• 2		- ··· · · · · · · · · · · · · · · · · ·						12.7	3.7	3.0
•1								16.7	2.9	2.0
								7.4	2.3	2.0
			a see and the second section of the second		a a sasanda <del>riida</del> nnaman s <u>aga</u> ssaga sagar sar	-0.788 Processor spins white: * other emiliars		3.7	2.4	2.0
								1.9	3.4	2.5
• 1								1.8	3.5	3.0
								1.2	2.7	2.0
	• • • • • •	•••••	• • • • • •	• • • • • • •				• • • • • • •		• • • • • •
/////	//////	11111111	///////	1111111	///////		7111111	32.2	/////	/////
• 5	***************************************	•1	<del></del>			<del></del>		100.0	2.2	3.0
L VIJMI	BER DE	DBSERVA1	TIONS	930					*	

STA	NTTON NUNGE	-2: 747540	ST	+ NCITA	NAME: EI	NGLAND A	F3 LA			P[31]
			L S	וו סד די	10: + 6					HTVCM
	OIRECTION (DEGREES)		5-3	10-14	15-19	WIND St 20-24	25-27		35-39	40-49
	350-010	1.5	. 2	• • • • • •	,	,	• • • • • •	•••••	•••••	•••••
	020-040	2.6	. 3							
	050-070	1.5	• 2				and the same of th	· ·		· · · · · · · · · · · · · · · · · · ·
( <u>=</u> )	030-100	1.6	. 4	• 1						
	110-130	3.3	1.1	• 2						
	140-150	9.4	• 5				er e e e e e e e e e e e e e e e e e e	<u> </u>		
(5)	170-190	12.7	1.2							
	200-220	4.5	• 4							
	230-250	1.3	•2				ray rangersay, and			Name of the Control o
(अ)	260 <b>-</b> 230	• 4								
	290-313	• 5								
•	320-340	1.1	. 1	•1			or material suppose that all distributes as white you		and a second of the second	
•••	VARIABLE	, • • • • • • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	•••••		• • • • • • •	• • • • • •
	CALM	111111111	/////	1111111	///////	///////	11/1/17	1111111	1111111	11/1//
	TOTALS	41.2	4.7							
				Τſ	TAL NU	M3ER OF	ORSERVA.	LTIONS	930	

C - 4 - 6A

Υ	JE	DOCURRENCE	SURFACE	CNIW	DIRECTION	VERSUS	WIND SPE	ED
Α.	7 M - 1	HOURLY DESER	RVATIONS		•			

D IN K			. 12 12 4		""			1.1.22.2	
<b>-</b> 29 3	30-34	35-39	40-49	50-54	GE 65	TUTAL %	MEAN	WEDIAN GMIW	
• • • • •	• • • •	• • • • • •			• • • • • •	1.8	3.0	3.0	
				-		2.9	3.0	3.0	
						1.5	2.9	3.0	
						22	3.8	3.0	
			. ,			5 • 1	3.4	2.0	
						10.0	2.5	2.0	
						13.9	2.6	2.0	
						4.9	2.5	2.0	
	manin again ipaminan pulay s	· van vater v man et en e				1.5	2.3	2.0	
						. 4	2.0	2.0	
				***		• 6	1.7	1.5	
						1.3	3.2	2.0	
	•••••					53.5	• • • • •	•••••	
						100.0	1.3	2.0	
SERVATI	องร	930							
• • • • •	•••••			• • • • • • •			• • • • • •	• • • • • • •	
									The second a value as a con-

)

PERCENTAGE FREQUENCY OF OCCURRENCE SUPFACE WIND OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA 0F8133 LST TO UTC: + 6 HTMOM: WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 (DEGREES) (N) 350-010 1.9 . 1 .0 220-040 2.6 1.0 . 1 .0 050-070 2.3 • 9 (E) 080-100 2.5 . 1 1.0 110-130 3.8 . 1 · 0 1.4 • 0 140-150 • 2 • 0 5.1 1.5 . 1 (S) 170-190 ۹.3 1.7 . 1 • 0 200-220 5.5 1.2 • 1 • 0 230-250 1.1 (4) 260-230 1.0 • 0 290-310 2.7 • 5 .0 • 0 •1 320-340 • 0 VARIABLE CALM

•9 ...

TOTAL NUMBER OF DESERVATIONS

TOTALS

47.7

12.5

2 - 4 - 67

OF OCCURRENCE SUPFACE WIND DIRECTION VERSUS WIND SPEED OM HOURLY OBSERVATIONS

				38	jet 8		N JURS		OF RE	PERIOD MONTH:				_ 4
3 MINO WINO  2.5 3.6 3.0  3.7 3.5 3.0  3.7 3.9 3.0  3.7 3.9 3.0  5.4 3.3 3.0  10.1 3.2 3.0  6.9 3.1 2.0  5.4 3.3 3.0  5.4 3.3 3.0  2.5 3.7 3.0			MAICE	• • • <sub>•</sub>	MEAN								30-34	_
3.7 3.9 3.0  3.7 3.9 3.0  3.7 3.9 3.0  5.4 3.3 3.0  10.1 3.2 3.0  5.9 3.1 2.0  5.4 3.3 3.0  3.3 3.2 3.0  2.5 3.7 3.0			ONIW	. • •	ONIK		• • •	• • • •			•••		• • • • • •	• • • •
3.7 3.5 3.0 3.7 3.9 3.0 5.4 3.3 3.0 5.0 3.7 3.0 10.1 3.2 3.0 6.9 3.1 2.0 5.4 3.3 3.0 3.3 3.2 3.0 2.5 3.7 3.0			3.0	! •. •	3.5	2.5	• • •	••••	• • • • • •	•••,•••	•,••	• • • • • •	• • • • • •	.0
3.7 3.9 3.0 5.4 3.3 3.0 3.0 3.7 3.0 10.1 3.2 3.0 6.9 3.1 2.0 5.4 3.3 3.0 3.3 3.2 3.0 2.5 3.7 3.0			3.0	-	3.9	3.7								
5.4 3.8 3.0  9.0 3.7 3.0  10.1 3.2 3.0  6.9 3.1 2.0  5.4 3.3 3.0  5.4 3.3 3.0  2.5 3.7 3.0			3.0		3.5	3.7						<u>-</u>		
3.0       3.7       3.0         10.1       3.2       3.0         5.9       3.1       2.0         5.3       3.1       3.0         5.4       3.3       3.0         3.3       3.2       3.0         2.5       3.7       3.0			3.0	ē.	3.9	3.7								
19.1 3.2 3.0 6.9 3.1 2.0 5.3 3.1 3.0 5.4 3.3 3.0 3.3 3.2 3.0 2.5 3.7 3.0			3.0	-	3.3	5.4								
6.9       3.1       2.0         5.3       3.1       3.0         5.4       3.3       3.0         3.3       3.2       3.0         2.5       3.7       3.0			3.0		3.7	8.0				***		visioni car visioni.		
5.3 3.1 3.0 5.4 3.3 3.0 3.3 3.2 3.0 2.5 3.7 3.0			3.0		3.2	0.1								
5.4 3.3 3.0 3.3 3.2 3.0 2.5 3.7 3.0			2.0		3.1	5.9								
3.3 3.2 3.0 2.5 3.7 3.0			3.0		3.1	5.3								
2.5 3.7 3.0			3.0		3.3	5.4					-			
///////////////////////////////////////	-	· -	3.0		3.2	3.3				. 41.7				
			3.0		3.7	2.5						<del></del>		
						••••		• • • • (	• • • • • •		• • • (		• • • • •	
			////	1//	/////	8.6	///	////	/////	1////	///	//////	//////	////
100.0 2.1 3.0			3.0		2.1	0.0								
SERVATIONS 7440														

USAFETAC, AS			and a control of the second of		المجود والمديوسة				BSERVATI	
STATION NUMB	₹ <b>२२</b> 74 <b>7</b> 543	LS	TATION NA S TO UTO	C: + 6		AFB L	_A	• • • • •	••••	
CATEGORY A:	CEILING GE					FEET	d[T			
·	VISIBILITY	SE :	1/2 MILE			. <b>S)</b> BUT	r LE	SS THAT	4 3 MIL	ES (4801
DIRECTION	1-4	5-9	10-14	15-19				KNOTS 30-34	35-37	40-49
(DEGREES)						• • • • •				
(N) 350-010	1.9	.7		• • • • • •		• • • • • •		• • • • • •	,	
020-040	3.4	1.5								
050-070	3.7									Name and a
(5) 030-100	5.2	1.5	• 7							
110-130	3.0	3.0	1.1	. 4						
140-150	4.9	1.1	1.5	• 7						
(S) 170-190	5.6	1.9	• 4							
200-220	3.0	1.1	. 4							
230-250	1.1	1.1		•••••		mage year garage man ar.				
(W) 260-280	1.1	• 4								
290-310	1.5									
320-340	2.2	• 4	.4			·				
VARIABLE	,	• • • • •	• • • • • • • •		/ • • • • • ·	••••		•••••	· • • • • • • •	• • • • • •
CALM	/////////	/////	////////	//////	111111	/////	7777	///////	177/17/	///////
TOTALS	35.6	12.7	4.5	1.1						
			TO.	TAL NUM	MBER D	F JBSE	ERVA	ZVETT	25 <b>7</b>	

5 - 4 - 70

LA		1080: NOV 75 -	□ <b>CT</b> 38		
	MONTH: JUL	HOURS: ALL		• • • • •	
atta visibility	GE 1/2 MILE (080	O METERS).			
UT LESS THAN 3 MIL	ES (4800 METERS)	WITH CEILING	GE 200	FEET.	
ED IN KNOTS	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	•••••		
	40-49 50-64	GE 65 TOTAL	MEAN	MEDIAN	
		27	MIND	GNIW	
• • • • • • • • • • • • • • • • • •		2.6	4.4	4.0	
		4.9	4.1	4.0	
		3.7	2.6	2.0	
		7.5	4.0	3.0	
		7.5	5.9	5.0	
		8.2	5.9	4.0	
		7.9	3.9	4.0	
		4.5	4.0	3.0	
		2.2	4.2	4.0	
		1.5	3.5	2.5	
		1.5	2.5	2.5	
		3.0	4.6	4.0	
				• • • • •	
	<u></u>			· · · · · · · · · · · · · · · · · · ·	
///////////////////////////////////////		777777 44.9	7/7////	11117	
		100.0	2.5	4.0	

C - 4 - 70 " " "

 ST	SEMEN NOTTA	₹1 747540	LS	TO UT		NGLAND A	IF3 LA		All I The spring regions the party of the second	PERI MONT
 	DIRECTION (DESREES)	1-4		10~14	15-19		SPEEC IN 25-29		35-39	40-49
(N)	350-010	•6	.3	******		, <b></b>		• • • • • •		•••••
	020-040	2.0	. 3							
 	050-070	2.4	·					·		
(E)	030-100	1.9	. 4							
	110-130	2.)	• 5							
 	140-150	5.3	• 4		a second assessment	, and secular some -	town the comment was			
(5)	170-190	2.9								
	200-220	2.5	. 1							
	230-250	3.0	. 4	e e sesse e e e e	· · · · · · · · · · · · · · · · · · ·				and the second s	** "
(₩)	260-230	1.1	• 1							
	290-310	1.0	•1							
 - · · <del>- · -</del>	320-340	. 7	• 2			w = ==========				
•••	VARIABLE	• • • • • • • •	•••••	•••••	) • • • • • • <i>•</i>				, <b></b>	••••
	CALM	111111111	/////	7/////	1//////	(///////	11111111	7777777	11171777	77777
 	TOTALS	23.1	2.3							
				۲đ	JTAL NU	48ER OF	DBSERVA	ZNČITI	930	

### QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESERVATIONS

AD Ā	F3 LA				TO DE RE	CURD: HOUR	13V 78 - S: 00-02		3	
	PEED IN		• • • • • •	• • • • •	• • • • • •			•••••	• • • • • •	
24	25-29	30~34	35-39	40-49	50-54	GE 65	TOTAL 2	MEAN WIND	MEDIAN CNIW	
• • •	• • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	1.0	3.8	4.0	
							2.4	3.0	3.0	
		·				**************************************	2.4	2.4	2.0	······
			=				2.4	3 • 3	2.5	
							3.4	3.0	2.0	
				g apartmental graph and the state of the sta			7.2	2.4	2.0	
							2.9	1.9	2.0	
							2.7	2.0	2.0	
							3.4	2.8	2.0	
					4.		1.2	2.5	2.0	
			-				1.1	2.0	2.0	
							1.1	2.6	5.0	
			• • • • • •			•••••				
,,,		~171177		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			7.5	~7.77.77	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
							100.0	•8	2.0	
ĴĒ :	JASERVAT	RIONS	930					,		
		*** *****					· · · · · - · · · · · · · · · · · ·		Y. <u></u>	
		·		<del></del>				<del></del>		<del></del>
			- 4							

C - 4 - 71

. .

			EVILLE NO		FROM HOURLY DESERVATI							
	STATI	ON NIME	R: 747540		STATION NAME: ENGLAND AFO LA LST TO UTC: + 6							
	• • • • •	• • • • • • •	• • • • • • • •	• • • • •	• • • • • •		WIND S	SPEED IN	KNOTS	• • • • • •	• • • • • •	
-		RECTION EGREES)	1-4	5 <b>-</b> 9	10-14	15-19	20-24	25-29	30-34	35-39	40-47	
	(11) 3	50 <b>-</b> 010	2.4	. 1	• • • • • •		• • • • • •	• • • • • • •			• • • • • •	
	0	20-040	2.3	• 2								
	0	5 <u>0-07</u> 0	1.3	• 4,					m . gg.s.one go.ganos			
	(5) 0	30-100	1.2	• 4								
	1	10-130	1.3	• 5								
	1	40-150	3•5	2					,			
	(5) 1	<b>7</b> 0 <b>-</b> 130	2.0									
	2	00-220	1.9	• 1								
	?	30-250	2.5	• 2	. <u>.</u> .			A Mariana ( ) Salara Mariana (			-	
	(뭐) 2	50 <b>-</b> 230	1.5									
	2	90-310	1.0									
	3	20-340	1.3									
		RIABLE	•••••	• • • • •	•••••		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	
	S	ALM	111111111	/////	//////	(//////	///////	1111111	1111111	(111111	1111111	
	TO	TALS	22.9	2.1	• • • • • • • • • • • • • • • • • • • •		and the second second second					
		• • • • • • •	••••		T5	TAL NU	1BER DF	ÖÄSERVA	TIŪNS	930	•••••	
						an anna a specimenta and the street		-				

C

S = 4 = 72

THE OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED OF HOURLY DESERVATIONS

50 IN KNOTS 5-23 30-34 35		TH: AJG	HOURS	S: 03-05	9 130			
		50-64	ĠE 65	TATEL %	MEAN WIND	MEDIAN MIND		·/
				2.5	2.6	2.0		
				2.3	3.0	3.0		
				1.7	3.2	2.5		~ .
				1.6	3.6	2.0		
				2.4	3.1	2.5		
	· - · - · · · · · · · · · · · · · · · ·			3.8	2 • 2	2.0		
				2.0	1.8	2.0		
				2.0	2 • 2	2.0		
				2.7	2.3	2.0		
				1.5	2.1	2,•0		
			• •	1.0	1.4	1.0		
Company (No. 1) Mary and America (1) Company and America (1)				1.3	2.2	2.0	· · · · · · · · · · · · · · · · · · ·	
			• • • • • • •	• • • • • • • •	•••••	• • • • • •		
//////////////////////////////////////	77777777777		(T)	74.7		/////		
	-			100.0	.6	2.0		
SERVATIONS 93	30							
• • • • • • • • • • • • • • •						• • • • • •		

5 - 4 - 72

					-		_	KNOTS		
JIRECTION (OFGREES)	1-4	5-7	10-14	15-19	9 20 <del>-</del> 2	4 25.	-2)	30-34	35-37	43-7
(N) 350-010	3.2	.1	• • • • • •	• • • • •	• • • • • •	• • • • •	• • • •	••••	• • • • • •	• • • • •
020-040	4.7	• 13								
050-070	3.5	• 4								
(F) ORO-100	2.5	• 5	• 1							
110-130	3.0	1.2								
140-150	5.5	1.5						,		
(S) 170-130	1.6									
200-220	1.4	. 1								
230-250	2.0	• 3								
(A) 260-230	4.9	. 5								
290-310	3.7	. 3								
323-340	2.0	.3								
VARIABLE	• • • • • • • •	• • • • •	• • • • • •	• • • • •	• • • • • •	• • • • •	• • • •	• • • • •	• • • • • •	. • • • • •
CALM	/////////	/////	//////	//////	//////	/////	////	//////	//////	/////

## DE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUSELY DOSERVATIONS

NGLAND AF	-8 LA			HINCH	: AUG	รบรวร สมบห	s: 05~0	ને	
WIND SE 7 20-24	PEED IN 25-29	KNOTS							ME OI4 WINE
• • • • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • • •	3.3	2.4	2.0
							5.7	2.9	2.0
							3.4	2.9	3.0
			. 77 - 2400				3.3	3.3	3.0
							4.2	3.6	3.
							7.2	3.1	۷.
							1.6	1.9	2.
							1.5	1.9	1 •
			· · · · · · · · · · · · · · · · · · ·				2.4	2.7	2.
							5.6	2.6	2 • '
							3.3	2.4	2.0
							3.1	2.3	3.
• • • • • • •			• • • • • •						
////////	(//////	//////	//////	///////	//////	//////	55.3	/////	11111.
					yy		170.7	1.3	2.3
JMBER DE (	JRSERVĀ:	TIDNS	930						

 STA	TION NUMBER	747540		V NCITA		GLAND	AFB LA	-·· ·		•
	DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN (	(NOTS 30-34	35-39	4
(N)	350-010	5.5	1.1	•••••	• • • • • •			• • • • •		• •
	020-040	4.5	1.6	• 2	. 1					
	050-070	3.7	1.4	5						
( E )	030-100	4.3	1.9							
	110-13)	3.3	2.0	•5						
 	140-150	5.1	1.5	• 3					. o sample and a	
(3)	170-199	3.1	1.2							
	200-220	4.5	1.1	• 1						
	230-250	5.0	1.5			. an included an arms		era etta ema mena de ette a		
(14)	260-239	3.7	3.0	• 1						
	290-310	7.2	1.3							
 = **	320-340	6.1	1.3	The company of the						
• • • •	VARIABLE	• • • • • •	• • • • •	•••••	• • • • • •	•••••		••••	••.••	• •
	CAL	///////////////////////////////////////	/////	//////	//////	//////	777777777777777777777777777777777777777	77777	///////	77.
 	TOTALS	53.9	19.4	1.7	.1					

C - 4 - 74

ROM HOURLY OF	PERIOD OF RECOR	D: NOV 78 -	OCT 8	8	
· · · · · · · · · · · · · · · · · · ·		HOURS: 09-11			
25-23 30-34	35-39 40-49 50-64 GE	65 TOTAL	MEAN CNIW	MEDIAN WIND	
• • • • • • • • • • • • • • • • • • • •		6.6	3.0	2.0	_
		6.6	3.9	3.0	= <del>=</del> :
		5.6	4.5	4.0	
		5.2	3.3	3.0	
•		5,9	4.5	4.0	
		5.9	3.8	3.0	
		4.3	3.7	3.0	
•		5.7	3.2	2.0	
	e <del>e</del> mee e e e e e e e e e e e e e e e e e	3.4	3.1	2.0	
The second of th		11.8	3.5	3.0	
		9.0	3.2	3.0	
		7.4	3.2	3.0	-
		//// 15.6	·····		
		100.0	3.0	3,0	· <del></del>
BSERVATIONS	930			٠ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ	
•••••			• • • • • •		
	The state of the s				

ST	SEMUN NOTTA			N NCITA		GLAND	AFB LA			FF REP
• •	DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND 20-24		IN KNOTS 9 30-34		40-49
( N	350-010	3.1	1.0	.1	• • • • • •		• • • • • • 			
	020-040	4.5	2.2	• 3						
	050-070	4.0	2.7	• 2			~~~			
(€	) 080-100	4.3	3.3	. 2						
	110-130	4.3	2.5	.8						
	140-160	5.4	1.8	9	,					
( S	1 170-190	5.7	1.6	. 4						
	200-220	5 • •	1.4	. 3						
	230-250	3.4	1.4							
( H	260-239	5.5	2.0	.3				**		
	290-310	5.2	1.3							
	320-340	3.7	1.7	.1	-					
• •	VARIABLE		• • • • • •	••••		••••••	• • • • • •	• • • • • • •	••••	• • • • •
	CALM	111111111	/////	1111111	//////	177117	7////	/////////	7////////	/////
	TOTALS	60.5	23.0	3.6						

DF OCCURRENCE SURF M HOURLY DBSERVATI		DIRECT	ION AF	RSUS WIN	D SPEE	U		
Li	CC1539 :HTMCM			79 - 12-14		3		
0 IN KNOTS -29 30-34 35-39		• • • • •	GE 65	TOTAL	MEAN WIND	MEDIAN WIND		
* * * * * * * * * * * * * * * * * * * *			• • • • • •	4,2	3.6	3.0		
• • • •				7.1	4.3	4.0		
				6.9	4.5	4.0		
				7.8	4.5	4.0		. =
				8.2	4.7	4.0		-
				8.5	4.5	4.0		
				7.7	4.0	4.0		
<u></u>				7.1	3.4	3.0		
		****		9.3	3.0	3.0		
	<del>-</del>			7.8	3.9	3.0		
				6.5	3.3	3.0		
		<del> </del>		5.5	3.0	4.0		
	•••••	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	///////////////////////////////////////	/////	//////	12.9	/////	111111		
				100.0	3.5	4.0		<u>,</u> ,
CEP ZNOITAV-		· · · · · · · · · · · · · · · · · · ·					e e mare	
		• • • • •				• • • • • •		

c - 4 - 75

	CURRENC RLY DBS			QUE	FRE	ENTAGE	PERCI		TIBN MAM VILLE NC	RATING LOC FETAC, ASH	ÜPE
		1	FR LA	CV.			ATION N. T TO UT		• 747540 •	TION NUMBER	STA
•••••	KNOTS	1N :	PEED	ND 9		• • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • • • • • • •	• • •
-39 4						15 <b>-</b> 19	10-14	5-9	1-4	DIRECTION (DEGREES)	
• • • • • •	• • • • • •	1	• • • • • •	.1	• • • •	• • • • •	.1	1.6	2.5	350-010	(N)
						• 1	. 1	3.0	3.9	020-040	
			·				•1	2.4	3.1	050-070	
						. 2	.3	3.4	4.2	030-100	(E)
							. 3	2.5	4.9	110-130	
							1.4	4.5	3.4	140-150	
	-	-					1.2	3,.7	8.3	170-190	(S)
								2.3	5.3	200-220	
		1	•					1.2	4, 2	230-250	
							. 1	. 4	2.7	250-280	(W)
							• 2	• 3	2.5	290-310	
							•1	. 9	1.9	320-340	**************************************
•••••	• • • • • • • • • • • • • • • • • • • •	_ • • • •	• • • • • •	• • • •	•••	• • • • •	•••••	••••	• • • • • • •	VARIĀBLI	• • •
111111	777777	777	77777	////	////	//////	//////	//////	////////	CALM	
		2	• 6	.1		.3	3.9	26.3	52.6	TOTALS	
<b>)</b>	ZNEI	TEV.	OBSER!	0F	MBER	TAL, NU	73				
• • • • •		• • •	• • • • •	• • • •	• • • •	• • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • • • • • • •	• • •

75

FR LA		O OF RE	CORD: N HOURS	3V 73 -		8		
PEED IN KNOTS 25-29 30-34	35-39 40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND		
.1				4.4	5.5	4.0		
				7.1	4.6	4.0		ř
				5.5	4.5	4.0		
				3.2	5.0	4.0		
				7.7	4.3	3.5		
				14.4	4.7	4.0		
				13.1	4.2	3.5		
				7.5	3.8	3.0		
.1				6.1	3.5	3.0	-	
				3.2	3.0	2.0		
				3.5	3.4	2.0		
		· •• ·		2.9	4.3	4.0		
						• • • • • • •		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	777777	7//7///	15.1	111111	//////		
. 2				100.3	3.5	4.0		<del> </del>
DBSERVATIONS = 3	<del>730</del>					.=		
		• • • • • •	•••••	<u> </u>				
				· <u>····································</u>				
ومرسوم الموادي والمداد المساد المساد المادات					and the second of the second		··· ···· ··	

}

)

والمراجع المراجع والمتها والمحاج والمح

C - 4" - 75 "

STA	TION NUMBE	R: 74754)		MAR REITAT		SLAND AFB L	Δ	
	DIRECTION (DEGREES)	1-4	5-9	19-14 1		WIND SPEED 20-24 25-		35-30
(N)	350-010	2.4	. 4	.1	1	.1		
	020-040	3.5	1.2					
	050-070	3.5	1.4		Market and the second second	.,,,,		
(Ξ)	080-100	4.2	1.5	• 2				: :== :
	110-130	3.9	1.5				. <u>.</u> <u></u>	
	140-150	10.1	2.3	• 2			<del></del>	
(8)	170-190	11.1	1.9	• 1		•1		
	200-220	4.2	• 2	• 1				
	230-250	1.8	.3		, <del></del>			
(W)	260-280	1.7	• 4	. 1				
	290-310	1.1	• 1					
	320-340	1.4	• 2		•1			
•••	VARIABLE	•••••			• • • • • •		• • • • • • • •	<u> </u>
	CALM	11111111	111111	(11/11/11/11	77777	17/1/17/7/7/	/////////	111111
	TOTALS	10.3	11,3	• 7	• 2	•2		

the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of th

5 - 4 - 77

8 L4		IDD OF RE TH: AUG		NOV 73 - S: 18-20		8	
EED IN KNOTS 25-29 30-34	35-39 40-49	9 50-64	GE 65	TOTAL %	MEAN	MEDIAN WIND	
*********		• • • • • • •	•••••	3.1	4.6	4.0	
				4.7	3.5	3.0	
				4.9	3.5	3.0	
			· ***	5.9	3.9	3.0	
				5.4	3.7	4.0	# · · · · · · · · · · · · · · · · · · ·
				13.1	3.5	3.0	
				13.2	3.0	2.0	
		=		4.5	2.5	2.0	
-//-				2.2	2.8	2.0	
				2.3	3.2	2.0	
				1.2	2.8	2.0	
				1.7	3.5	2.0	
			•••••	• • • • • • •			
///////////////////////////////////////	'//////////////////////////////////////	///////////////////////////////////////	1111111	37.7	//////	111111	= .
				100.0	2.1	3.0	
BSERVATIÓNS.	930		• • • • • •	• • • • • • •			
			<del></del>	<del></del>			

. .

)

C - 4 - 77

OF CICURRENCE SURFACE A DM HOURLY DBSERVATIONS	RCENTAGE FI	PΕ			RATING LO
LA PER MON'	NAME: ENGI			5 <b>२: 747</b> 5	TION NUMB
* * * * * * * * * * * * * * * * * * * *		• • • • • • •		• • • • • • • •	• • • • • • • •
ED IN KNOTS 5-29 30-34 35-39 40-4	4 15-19	-9 10-1	5 <b>-</b> 9	1-4	OIRECTION (DEGREES)
	• • • • • • • • •	• • • • • • • • • • • • • • • • • • •	•••••	1.5	350-010
		• 2	• 2	3.1	020-040
		• 5	. 5	7.7	050-070
	1	.5	• 5	1.7	030-100
		.4	1.4	4.0	110-130
		. 6	• 6	8.5	140-160
e e la constanta de la constan		.3	• 3	7.1	170-190
****		• 2	2	2.3	200-220
				1.4	230-250
	1	•		• 3	260-280
	2	.1	1	8	290-310
		• 2	• 2	1.2	320-340
••••••			• • • • • •	• • • • • • •	VARIABLE
///////////////////////////////////////	1111111111	[[]][]]	//////	111111	CALM
	4	• 5	4.5	35.4	TOTALS
SERVATIONS 930	TOTAL NUMBE	·			. =
			• • • • •	• • • • • • •	• • • • • • • • •

A Property of the Control of the Con

C - 4 - 78

	B LA			PERIO HINDM		CORD: !	NOV 78 - S: 21-23		8	
		KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND	
• •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		2.2	2.9	2.0	
	-						3.3	2.7	2.0	
				····			4.2	3.3	4.0	
							2.6	3.5	3.0	
		··· -·· .					5.4	3.3	3.0	
				·			9.1	2.5	2.0	
							7.4	2.3	2.0	
	-						3.0	2.6	2.0	
	<u> </u>				<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		1.4	1.8	2.0	
							.4	4.0	2.0	
							1.1	4.3	2.0	
							1.4	2.8	2.9	

100.0 1.2 2.0
R OBSERVATIONS 930

C - 4 - 78

STATION NUMBER	: 747543		AN NEITA		LAND AF3 LA	
DIRECTION	1-4	5-9	10-14		WIND SPEED IN KNOTS 20-24 25-29 30-34	35-39 40
(DEGREES)	• • • • • •	• • • • • •		•••••	20-24 22 23 23	••••••
(M) 350-010	2.7	.6	•0	.0	.0 .0	******
020-040	3.5	1.2	•1	• 0		
050-070	3.1	1.2	.1	سند چو پیشند. پید بود به دید در در در در در		
(E) 080-100	3.1	1.5	• 1	• 0		
110-130	3.5	1.5	• 2			
140-160	5.7	1.7	• 3	return		
(S) 170-190	5.2	1.1	• 2		• 0	•
200-220	3.5	. 7	• 1			
230-250	3.9	. 7		**************************************	• )	
(W) 250-280	3.3	. 3	• 1			
290-310	2.7	6	• 1	•		
320-340	2.5	•5	• 3	. 0		
VARIABLE		•••••			• • • • • • • • • • • • • • • • • • • •	
CALM	///////	//////	///////	//////	///////////////////////////////////////	//////////
TOTALS	43.9	12.2	1.3	. , .		
		,			ER OF OBSERVATIONS	7440

(

(

### QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

NU AF3 LA PERIOD DE RECORD: NOV 7 MONTH: AUG HOURS: AL		3 <del>1</del>	
NO SPEED IN KNOTS -24 25-29 30-34 35-39 40-49 50-64 GE 65 TOT	AL MEAN	_	
······································	GPIK	GNIK	
.0 .0	4 3.6	3.0	
4.	9 3.7	3.0	
4.	3 3.9	4.0	Annual Control of the
4.	8 4.1	4.0	
	3 4.0	3.5	
9.	<b>3.</b> 5	3.2	
•0	5 3.2	2.0	
4.	3 3.0	2.0	
4.	5 2.9	2.0	
4.	2 3.3	··· - 2 • 0	
3.	3 3.0	2.0	
3.	1 3.3	3.0	
		• • • • • •	
'/////////////////////////////////////			
	2.0		
POF DESCRIPTIONS 7440			
		• • • • • •	
			·- · · -

5 - 4 - 79

	USAFETAC, AS							100KEA 1	RSERVATION	
	STATION VUMP	FR: 747540		113N 44 0TU 01		IGLAND	AFB L1			э: Ч(
			205.3							• • •
	CATEGORY 4:				AND/OR	:				
	• • • • • • • • • •	VISIBILITY	GE 1/	2 MILE	(0300	METER	S) BUT I	LESS THA	N A MILES	( 4
	9135CTIDA	1-4	5-7	10-14	15-19		SPEED 4 25-21	IN KMOTS 9 30-34	35-39 <i>4</i>	. n -
	(DEGPEES)	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	••••	• • • • • •	• • • • • • •		• • •
			• • • • •	• • • • •		• • • • •	• • • • • •	• • • • • • •		 • • •
	(N) 350-010	3.3	1.0		• 3					
	020-040	3.3	2.3	• 5	• 3					
	050 <u>-07</u> 0	1.0	1.3	• 8					=	
	(E) 030-100	2.3	2.3	• 5						
	110-130	3.5	5.3	• 3						
	149-150	} • <sup>(</sup> *	3.5							
	(S) 170-190	3.3	. 3	• 3		re-den s				
	200 <b>-</b> 220	2.5	. 3	• 5						
			• 5	•						
÷	230-250									
	(W) 260-230	1.9		• 5						
	290-310	• 7						=		
	320-340	1.0	. 3		. 3					
	VARIABLE	• • • • • • • • •	• • • • • •	• • • • • •		••••	••••	•••••••	• • • • • • • •	• •
	CALM	1111111111	/////	//////	//////	/////	1111111	1117111	7/////////	///
	TITALS	12.3	17.2	3.9	. 9		<del></del>			
				roi	ra) kilim	ideo m	E∵na čeov	VATIONS	394	

## REQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUSELY ORSERVATIONS

11 FAF CNS	PERTOD OF RECORD: MONTH: AUG HOUR		)CT 85		
YÎJÛJBÎZIV HTIK TEER CO	GE 172 MILE (ÖBÖD METE	RŠ).			
TREST OUT LESS THAN 3 MIL	ES (4800 METERS) WITH		GE 200	FEET.	
5-24 25-39 30-34 35-39				MEDIAN CONIN	
•••••	• • • • • • • • • • • • • • • • • • • •	5.1	3.5	2.0	······································
		5.9	5.4	4.0	
		3.0	6.3	6.0	
		5.5	5.6	6.0	
		9.6	5.5	á.0	
		12.4	3.7	3.0	
		3.0	2.9	2.0	
		3.3	4.3	3.0	
The state of the s		.3	2.0	2.3	
		1.5	4.3	3.0	
		. • 5	2.3	2.0	
		1.5	5.8	3.5	
••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	••••••	• • • • •	
///////////////////////////////////////	///////////////////////////////////////	46.2	///////	77777	
		100.0	2.5	4.0	
P OF ORSERVATIONS 394					

RRENCE SURFACE AI Y DOSERVATIONS			EQUEN	GE F	ENT	PERC			ERATING LOCAT AFETAC: ASHEV
2531 4041	LA					V VCITA		747540	ATION NUMBER:
	ED IN K	SPEE	IND S	• • • •	• • •	10-14	• • • • •	1-4	OTRECTION (DEGREES)
• • • • • • • • • • • • • • • • • • •				• • • •	• • •	. 2	.9	3.7	350-319
							1.6	5.0	020-040
							. 4	3.2	050-070
							. 3	2.3	) 080-100
							• 3	3.3	110-130
							. 2	5.3	140-160
							• 4	1.9	170-130
							• 2	• 5	200-220
			·				.1	•3	230-250
							• 2	• 4	) 260-230
							. 1	1.2	290-310
						• 1	• 5	2.5	320-340
	• • • • • •	•••	••,•,••	• • • •	•••	• • • • •	• • • • •	• • • • • • •	VARIABLE
///////////////////////////////////////	///////	Ĩ///	////	////	///	/////	11111	/////////	CAL!! /
						• 3	5.8	32.3	TOTALS
ทร์ 9งอ	SERVATI	Jb S	R OF	NUM	)T4L	1.3			

# FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HURLY DESERVATIONS

JLAND AFB LA			CORD: N			<b>.</b>
AIND SPEED IN KNOTS	••••••	• • • • • •	• • • • • • •	TOTAL	MEAN	MEDIAN
20-24 25-27 30-34 35-39	43-49	50-64	GE 65		WIND	WIND
		• • • • • • • 		4.8	3.7	3.0
				7.6	3.3	3.0
				3.7	3.2	3.0
				2.7	3.2	2.5
e ee				4.1	2.9	2.0
				5.5	2.3	2.0
				2.3	3.1	2.0
				8	3.1	2.0
				. 9	2.5	2.3
				. 7	3.2	1.5
				1.3	2.4	2.0
				3.2	3.4	3.0
				• • • • • •	• • • • • •	• • • • • •
		///////	1117111	61.4	/////	111111
					1.2	

	OPERATIN USAFETAC				PERC	ENTAGE	FREQUE	OY OF O			
	STATION	गुप्रुष्ट्र:	747543	LS	וני סד ד	C: + 6	IGLAND A	1=3 L1			a E
	DÍREC (DEGR	TIAN EFS)	1-4		10-14			SPEED IN 25-29		35-39	47-
	(N) 350-	010	4.1	.9	.3					• • • • • •	• • • •
	020-	040	4.4	1.4					-		
	050-	079	2.5	• 9	- Mayor processors consists			·	······································	*******	
	(E) 080 <b>-</b>	100	1.3	• 2	. 2	. 1					
	110-	130	2.7	. 9							
	140-	160	5.2	. 7	·	er e e e e e e e e e e e e e e e e e e					
	(S) 170-	190	1.1	• 1	• 1						
	200-	220	• 7	• 1							
	230-	230	.3	.1			or consistent to be the beauty again, againing				
	(4) 260-	240	• B	• 2							
	290 <b>-</b>	310	2.2	• 2	• 1						
	320-	340	3.2	3	O Milliand and a sign of the second			ale and the continue to the conjugate to the parameter.			
	VARIA	3LF	• • • • • • •	• • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • •
	CALM	/	////////	/////	//////	//////	///////	1//////	///////	///////	777)
· •	TOTAL	S	23.2	5.5	.7	.1					
					TÓ	TAL NUM	BER DF	MBSERVA	TIONS	900	

LAND AEB LA	_	D OF RE	CORD:	NJV 73 - S: 03-05		3	
WIND SPEED IN KNOTS 20-24 25-29 30-34 35-39	40-49	50-64	GE 65	TOTAL	MEAN MINO	MAIGEM GNIW	
	• • • • • •	•••••	•••••	5.3	3.5	3.0	
				5.9	3.4	3.0	
				3.4	3.0	2.0	
	,			1.9	4.4	2.0	
				3.6	3.3	2.0	
n an inches and a state and a				5.9	2.7	2.0	
				1.3	3.1	2.0	
				• <u>B</u>	3.4	2.0	
				. 4	3.5	3.5	
and the second				1.0	2.3	1.0	
				2.6	2.6	2.0	
			and the same of the same same same same same same same sam	4.6	2.3	2.0	<del></del>

BER OF MBSERVATIONS 900

. .. - .. .. - - - - - - - - -

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND USAFETAC, ASHEVILLE NO FROM HOURLY DOSERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA **BERIOD** LST TO UTC: + 6 STERN RI CBB98 GRIW 30-34 35-39 DIRECTION 10-14 15-19 20-24 25-24 (DESKEES) (N) 350-010 2.0 1.9 020-040 7.7 • 1 • 1 050-070 4.2 1.1 (E) 080-100 3.4 .7 110-130 . 4 • 2 140-150 2.3 (5) (7)-1902.7 • 3 200-220 • 1 • 5 230-250 . 7 (4) 250-230 • l 290-310 2.3 . 7 VARIABLE CALM 10.5 TOTALS 40.5 TOTAL NUMBER OF DBSERVATIONS 900

# FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	NI CBB9									
•	25-23	30-34	35-39				TOTAL %	MIND	MEDIAN WIND	
•							5.3	4.5	4.0	-
							9.7	3.6	3.0	
							5.4	3.6	3.0	
							4.1	2.9	3.0	
							5.0	3.5	3.0	
							ಕ.6	3.3	3.0	
			***		<u>.</u>		3.0	2.9	2.0	
			** * *		=		. 7	3, 3	2.0	
	many Market The contract and						• 4	2.3	2.0	
							• 8	2.4	2.0	
							3.0	3.2	2.0	
							5.1	3.2	2.0	
	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •		• • • • • •	
//	///////	///////		7717777	77////		47.9	111111	111111	
							100.0	1.8	3.0	

구 등 자 V C M	NGLAND AFB LA		N NCITA	-	R: 747540	TION NUMBE	STA
	WIND SPEED IN KNOTS	* • • • • • •	· • • • • • •	<del>-</del>			• • •
		15-19	10-14	5-3	1-4	DIRECTION (DEGREES)	
		.1	. 4	2.7	5.9	350-010	(N)
			• 8	4.6	7.1	020-040	
			• 3	5.1_	3.2	050-070	
				2.6	4.9	080-100	(ē)
			• 4	3.4	5.9	110-130	
			• 3	4.3	5.1	140-150	
				2.0	3.7	170-190	(5)
			• 2	1.9	3.3	200-220	
address of the control of the contro				• 3	2.5	230-250	
			.1	• 6	2.3	260-230	(ਸ਼)
			• 1	• 2	3.7	290-310	
		.1	• 3	1.7	3.2	320-340	
<u></u>			• • • • • •	• • • • • •	•••••	VARIABLE	•••
		//////	//////	111111	///////	CALM	
		.2	2.9	29.9	55.5	TOTALS	
ବିପର୍	ABER OF OBSERVATIONS	TAL NUY	TÑ				

te de la companya de

C = 4 = 34

. The state of th

\* \*\*\*

_ A	PERIOD OF RECORD: MONTH: SEP HOUR	NOV 78 - S: 09-11		3	
	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • •	• • • • • •	
) IN KNOTS -29 30-34	35-39 40-49 50-64 GE 65	TOTAL	MEAN	MEDIAN	
		۲,	MIND	GNIW	<del></del>
-		9.1	4.4	4.0	
		12.4	4.5	4.0	
		13.7	4.2	4.0	
		7.4	3.9	4.0	
		9.8	4.4	4.0	
		10.3	4.4	4.0	
1771. Take of September 1991.		5.9	3.7	4.0	
	A Company of the Comp	5 <b>.</b> 1	4.3	4.0	
		. ==			
		3.3	3.3	3.0	
		3.4	3.3	5.0	
		3.3	2.7	2.0	
		5.3	4.7	4.0	
• • • • • • • • •	4				
111111111		10.3	17/17/	(11111	
		100.0	3.7	4.0	
RVATIONS	900				G 00 2000
• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • •	• • • • • •	
-		~ <del>_</del>			

the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract o

}

}

)

		FB LA	GLAND A	C: + 6	r ro ur	LS	₹: 747540	SEMUN NCITATE
34 35-39		PEED IN			10-14	•	ī - 4	DIRECTÍON (DEGREES)
			• • • • • •		1.3	3.8	4.3	(N) 350-010
					. • 8	5.3	5.4	020-040
·					• 3	3.2	5.0	050-070
					• 9	2.8	5.1	(E) 080-100
			===	• 1	• 6	3.9	5.3	110-130
				.1	• 8	4.4	5.1	140-160
				• 1	. 3	2.4	5.0	(S) 170-190
					• 1	1.3	5.0	200-220
					- Nath - Mill habit particular a - A - A	• 3	2.6	230-250
		*			• 2	. •6	2.2	(4) 260-230
					• 1	• 4	3.0	290-310
	·	T-F			1.1	3.0	2.9	320-340
		• • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • •	••••	VARIABLE
7777777777	7777777	777777	//////	///////	//////	//////	11111111	CALM
				.3	7.0	31.9	54.0	7]74[3
700	TTONS	OBSERVA	BER OF	TAL NUM	רַי			

- 4 - 35

AFB LA			RECORD: N			3	
		MONTH: SE	P HOUR!	5: 12 <b>-</b> 14			
SPEED IN KNOTS 4 25-29 30-34	35-39	40-49 50-6	54 GE 65	TOTAL %	ME AN WIND	MEDIAN GNIW	
		• • • • • • • • •		9.6	5.8	6.0	
				11.6	4.9	5.0	
				9.4	4.2	4.0	
				8.8	4.8	4.0	
				10.3	4.7	4.0	
				11.4	5.0	4.0	
				8.9	4.3	4.0	
			ين معنون دانو د ديو د	7.4	3.5	3.0	
				3.3	3.1	2.0	
				3.0	4.1	3.0	
				3.6	3.3	2.5	
				6.3	5.7	5.0	
	• • • • • •	• • • • • • • • •			••••	• • • • • •	
///////////////////////////////////////	7/7/////	///////////////////////////////////////	///////////////////////////////////////	5.3 ··		7/7/77	
				100.0	4.4	4.5	<del></del>
F OBSERVĀTĪONS	900			• • • • • •		• • • • • •	

C - 4 - 35

	STA	עיא <b>אפוז</b>	MBER:	747549		MITTER TO TE	AME: EN	GLAND	AFB LA			2531 MDN 1
		olrécti		1-4		10-14		WIND 20-24	SPEED 25-29	N KNOTS	35-39	<del>40-4</del> 9
	• • •	(DEGREE	51	• • • • •						• • • • • •		
	(1)	350-01	0	4.3	4.	1, • 0						
		020-04	<b>3</b>	4.5	6.2	1.1	• 1	1		e allering are an area area property assumes as a second		
		050-07	0	5.8	3.2	.1						
	(E)	090-10	ດ	5.1	2.6	• 3	. 1					
		110-13	9	4.5	2.7	•6	• 3					
		140-16	o O	5.9	4.4	• 5					· · - · · - · · · · · · · · · · · · · ·	
	(5)	170-13		7.3	3.4	.1	er enter to a testa mais as according					
		200-22	J	4,5	2.1	• 3			- N-			
		<b>23</b> 0 <b>-</b> 25	2	2.4	. 7							
The second secon	(W)	<b>260-</b> 23	<b>o</b>	1.2	• 2			~~				
		290-31	0	1.8	. 4	• 3						
		320-34	0	2.3	2.7	• 3						
**************************************	••••	/ARIA9L	· · · · · · ·			• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • •
		CALM	11	/////	//////	///////	1111111	/////	///////	777777	11111111	(7777)
···		TOTALS		51.3	33.0	4.7	.5	.1	···	·····		
							TÁL NUM	RER DE	TASFRI	ATIONS	930	
	• • • •	• • • • • •	• • • • • •	• • • • •	• • • • •	• • • • • •	• • • • • ; •	• • • • • •	• • • • • • •		•••••	

C = 4 = 35

4 PERIOD OF RECORD: N			3		
	: 15-17				
IN KNOTS 39 30-34 35-39 40-49 50-54 GE 65	TOTAL	MEAN HIND	MEDIAN WIND	- 3	
	10.2	5.4	5.0		
	12.1	5.5	5.0		
	9.1	3.9	4.0		
	٩.1	4.3	4.0	·	
	9.1	5.4	4.0		
	10.9	4.8	4.0		
	11.3	3.9	3.0		
	7.0	4.1	4.0		_
	3.4	3.4	3.0	·	·
	1.4	3.2	3.0		
	2.5	4.2	3.0		
	5.3	5.2	5.5		
			• • • • • •		
	10.3	111111	771777 =		
	100.0	4.2	4.0		<del></del>
VATIONS 900			• • • • • •		-

0 - 4 - :5

PERCENTAGE FREQUENCY OF OCCURRENCE SUPPACE WIND T GREPATING LOCATION "4" FROM HOURLY DESERVATIOUS USAFETAC, ASHEVILLE NO DESI JO STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA MONTH: LST TO UTC: + 6 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 DISECTION (DEGREES) (N) 350-010 020-040 7.3 1.9 . 1 1.4 5.3 (日) 030~100 • ? 3.5 110-130 3.0 1.7 140-150  $-5 \cdot 1$ 1.6 • 1 (S) 170-190 0.3. 7 • 3 . 1 200-220 1.9 . 4 • 1 **.** 2 230~250 • 0 (W) 260-230 . 1 290-310 1.3 . 4 VARIABLE CALM 45.1 11.9 .5 .1 TITALS TOTAL NUMBER OF DBSERVATIONS

### MENCY OF OSCURRENCE SUPFACE WIND DIRECTION VERSUS WIND SPEED. FROM HOURLY DESERVATIONS

24 25-27 30-34 35-39 40-49 50-64 66 65	7.7	GF I k	CHIW
· · · · · · · · · · · · · · · · · · ·	7.7	•••••	
		3.5	2.0
	9.3	3.3	3.0
	7.2	3.0	2. • )
	4.4	3.1	2.0
	4.7	3.6	3.0
	7.3	3 • 2	2.0
	7.9	2.9	2.0
	2.4	3.5	2.5
	1.1	2.7	2.0
	1.0	2.4	2.0
	1.8	3.4	3.0
	3.3	3.5	3.0

9 - 4 - 47

AMI: ENGLAND AFR LA			R: 747540	STATION NUMBER
C: + 5	TO UT	L51		
WIND SPEED IN KNOTS 15-19 20-24 25-27 30-34 35-39	10-14	5-9	1-4	DIRECTION (DEGREES)
	.1	1.6	<b>5.7</b>	(N) 350-010
	• 1	1.0	7.3	020-040
		1.0	3.0	050 <b>-</b> 070
	• 1	. 4	2.3	(日) 080 <b>-1</b> 00
		1.1	3.2	110-130
		. 7	4.5	140-150
		. 4	5.1	(S) 170-190
		• 2	1.3	200-220
		• 4	. 4	230-250
			• 4	(A) 250-21)
		• 3	. 4	290-310
		. 5	2.0	320-340
	•••••	• • • • •	• • • • • • • • •	VARIABLE
///////////////////////////////////////	/////	//////	111111111	CALM
	. 3	7.7	15.7	THTALS
TAL NUMBER OF DESCRIATIONS 900	TJ			

- - /. -

#### FOURNCY OF DECURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUSERE YARDS

AND AFB LA PERIOD OF R MONTH: SEP				3	
tho speed in knots J-24 25-29 30-34 35-39 40-49 50-64	GE 65	TOTAL	MEAN WIND	NAIGBM CVIW	
		7.3	3.7	3.3	
		8.9	3.0	2.5	
. ** *********************************		4.3	3.7	4.0	 
		2.9	3.0	2.0	
		4.3	3.3	2.0	
		5.2	2.8	2.0	 
		5.6	2.5	2.0	
		2.0	2.7	2.0	
		. 9	4.5	4.5	
		. 4	2.9	2.5	
		.გ	3.3	3.0	
		2.5	3.1	2.0	 
	• • • • • • • •	• • • • • •	• • • • •	• • • • •	
i Zummunu vummunmummummumm	////////	55.1	/////	/////	
•	<del></del>	100.5	1.4	2.0	 -
26 JEST VATEDUS 900					

C = 4 = 55

		MATING LOC METAC, ASH			PERC	ENTAGE	FREQUE			CE SURFA SERVATIO	
***	STA	TION NUMBER	747540		V VOITAT		GLAND	AFÔ LA		The difference of the second o	3 <u>;</u> 40
	• • •	DIRECTION	1-4	5-9	10-14	15-19	-	SPEED IN 25-23	1 KNOTS 30-34	35 <b>-</b> 30	47-
	• • •	(व्हडचन्द्र)		• • • • •	•••••	• • • • • • •	• • • • • •		•••••	••••••	• • •
	( 1/2)	350-010	4.7	2.3	.5	.0	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • •
		020+040	4.3	3.0	. 4	• 0	. 3				
		o50-070	4.3	2.1	Ι.		Manager or consideration and		el como libraria pero megino qua el como m		
	( E )	030-100	3.5	1.3	• 2	• 0					
		110-130	4.1	1.7	• 2	• 1					
		140-150		2.3		ŭ	at the second of the second	man and the same and desired			<u>-</u>
	(5)	170-100	4 . '•	1.2	. 1	.0		-			
		200-220	2.4	. 3	• 1						
		230+255	1.3	. 4					_	•	
	(%)	<b>260-2</b> 30	1.7	. 3	• 0						
		290-310	1.7	. 4	.1						
		320-347	₹. a	1.4	2	• 0					
	• • • •	VARIABL <sup>c</sup>	• • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••
		C164	/////////	/////	1111111	///////	//////	111'	111111	///////	////
	1	TOTALS	43.3	17.4	2.1	• 1					
					ra	TAL NUM	BER DE	OBSERVA	TIBMS	7200	

• • • •

c - 4 -

AJ G-A CF			PERIOD OF RECORD: NOV 73 - OCT 88 MONTH: SEP HOURS: ALL							
		IN KNOT 9 30-3	\$ 4 7 35 - 39	- 4 <u>0</u> -49	<sup>-</sup> 50 <b>-</b> 64	GE 65	TÖTAL	MEĀN	MEDIAN	
••••							7	GMIW	4170	
• • • •		• • • • • •		• • • • • • •			7.5	4.4	4.0	
. 3							9.7	4.1	4.0	
							7.0	3.3	3.0	
							5.0	3.9	3.5	
							6.2	4.2	4.0	
							8.4	3.3	3.0	
							5.3	3.5	3.0	
							3.3	3.7	3.0	
							1.7	3.2	2.3	
							1.5	3.3	2.0	
							2 • 4	3.1	2.0	
	-						4.5	4.2	4.5	

100.0 2.5 3.0

· • /• • ...

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO PROTTAVES OF YORK PERS STATION NUMBER: 74754) STATION NAME: ENGLAND AFE LA PERIO LST TO UTC: + 6 MOUTH: CHILING OF 200 BUT LESS THAN 1500 | FEET ALTH VISIBILITY OF 1/2 41 AND/GR VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 WIND SPEED IN KNOTS 20-24 25-29 30-34 (4) 350-010 2.3 2.2 323-343 5.0 2.1 2.7 350-373 3.5 . 2 3.5 (E) 080-100 1.4 .6 . 2 3.2 • 5 110-130 5.4 . 5 • 5 140-150 7.6 4.4 .3 . 2 (5) 170-190 3.) 1.3 200-220 . 3 1.1 237-257 • 3 (4) 590-540 • 5 • 3 • 2 2.5 223-313 1.5 . 2 320-340 1.9 • 5 • 2 VARIABLE CALT 37.1 22.2 3.7 1.2 TOTAL 5 TOTAL NUMBER OF OBSERVATIONS

, - 4 - 97

M DE DOCURRENCE SURFACE MIND DIRECTION VERSUS WIND SPEED RIM AJURLY DASERVATIONS PERIOD OF RECORD: NOV 73 - OCT 85 MONTH: SEP HOURS: ALL BY WITH VISIBILITY SE 1/2 MILE (0800 MERERS). ANT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET. ED IN KNOTS 25-29 30-34 35-30 40-49 50-64 SE 65 TOTAL MEAN MEDIAN 5,.2 5.0 5.3 8.1 3.7 3.0 6.5 4.3 4.0 5.7 4.8 4.0 9.3 5.4 4.0 14.5 3.8 3.0 4.7 4.5 3.5 3.2 1.4 2.0 . 5 4.3 5.0 6.4 1.4 7.0 4.3 4.4 4.3 7.3 100.0 3.0 4.0

6 - 4 - 90

...

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN DPERATING LOCATION "A" FROM HOURLY DISERVATIONS USAFETAC, ASHEVILLE NO STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA PERIT LST TO UTC: + 6 WIND SPEED IN KHUTS 25-21 5-9 10-14 15-19 20-24 DIRECTION (DEGREES) (N) 350-010 • 2 • 5 3.3 020-040 1.3 050-070 (5) 080-100 1.1 . 1 110-130 3.8 1.3 . 1 7 . 7 140-150 1.5 • 1 (5) 170-190 2.4 1.2 200-220 • 3 230-250 • 2 (4) 260-280 290-310 1.5 • 2 320-340 VARIABLE CAL" TOTALS .2 .1 30.5 9.9 1.5 TOTAL NUMBER OF UBSERVATIONS 930

AND AFS LA	NS PERIOD OF RI	cnon.	N 70 70 -	<u> </u>	<u>a</u>	
AND AFD LA	TOO SHINCH		S: 00-02			
140 59E40 IN KNOTS 0-24 25-24 30-34 35-39	40-49 50-64	GE 65	TOTAL	MEAN WIND	WEDIAN CHIN	
.1	• • • • • • • • • • •		5.7	5.0	4.0	
			5.2	4,4	4.0	
			2.7	3.4	3.0	
			1.2	3.4	4.0	
			5.2	3.5	3.0	-
			<b>в.</b> 9	3.3	2.0	
			3.5	3.8	3.0	
			1.0	33.	3.0	
			. 5	3.7	3.0	
			1.1	2.5	2.0	
	÷		1.7	3.1	2.5	
		· · · · · · · · · · · · · · · · · · ·	4.3	4.1	3.0	
••••••	• • • • • • • • • • • •	• • • • • • •	• • • • • • •	••••••		
//////////////////////////////////////	//////////////////////////////////////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	57.3	1/11/1	/////	
• 1			100.0	1.7	3.5	<del></del>
2 OF UBSERVATIONS 430						
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCUPRENCE SUPFACE AL USAFETAC, ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFR LA LST TO UTC: + 6 MONT WIND SPEED IN KNOTS DIRECTION 10-14 15-19 20-24 25-29 30-34 35-39 40-44 (DEGREES) (N) 350-010 4.0 . 1 • 2 020-040 3.3 1.1 • 2 . 1 050-070 1.4 • 3 (F) 030-100 • 1 110-130 4.3 1.2 140-150 • ৭ • 1 (5) 170-190 1.9 200-220 • 3 230-250 (3) 250-230 • 5 • 1 290-310 .3 .2 3.4 VARIABLE CALM TOTALS 33.7 7.5 1.2 .1 .2 .1 TOTAL NUMBER OF DASERVATIONS 230

0 - 4 - 32

#### RE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

.

				3	
		TOTAL %	MEAN GNIW	GPIW	
		5.5	5.3		
		5.3	4.4	3.0	
		2.2	4.2	4.0	
		1.0	2.4	2.0	
		6.0	3.4	3.0	
		9.1	3.5	3.)	
_		2.8	4.2	4.0	
		. 3	2.7	2.9	
		. 4	2.0	2.3	<del></del>
		• 3	2.9	2.0	
		4.0	3.1	2.0	
		5.P	3.2	2.0	
• • • • • • • • • • • • •	•••••	• • • • • • •	•••••	• • • • • •	
///////////////////////////////////////	1111111	54.9	/////	111117	
		100.0	1.7	3.0	
			·		
	• • • • • • •	,			
	MONTH: OCT 40-49 50-54	MONTH: OCT HOURS	MONTH: OCT HOURS: 03-05 40-49 50-54 GE 55 TOTAL 3.5.5 5.3 2.2 1.0 6.0 9.1 2.9 .3 4.0 5.P	MONTH: OCT HOURS: 03-05  40-49 50-54 GE 55 TOTAL MEAN WIND  5.5 5.3 5.3 4.4 2.2 4.2 1.0 2.4 6.0 3.4 9.1 3.5 2.8 4.2 3 2.7 4 2.0 3 2.9 4.0 3.1 5.8 3.2	## ## ## ## ## ## ## ## ## ## ## ## ##

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE 411 FROM HOURLY DASERVATIONS USAFETAC, ASHEVILLE NO STATION NUMBER: 747540 STATION NAME: ENGLAND AFR LA J: 31 LST TO UTC: + 6 Mauri WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 DIRECTION (N) 350-010 020-040 4.3 2.2 .2 .1 .1 .1 050-070 2.5 .9 (E) 030-100 2.4 . 3 4.7 110-130 2.0 140-150 3.3 (5) 170-199 • d . 1 2.5 200-220 • 5 230-250 (N) 250-230 1.1 • 1 290-310 2.4 .5 .1 320-340 1.3 VARIABLE 40.1 15.2 ?? .2 .1 .2 THIALS TOTAL NUMBER OF ORSERVATIONS 930

) AFE	LI			MONTH	: net	CURD: HOUR	5: 06-09		<u>ප</u>	
	5-27		35-37	40-49	50-64			MEAN WIND	MAIGEM CVIK	
• • • •	. 1						8.0	5.2	4.0	
1	• 1					<del>.</del>	7.5	4.5	3.0	
		n ar namen derek som i se a fi			The state of the s		3.3	3.7	4.0	
			-				2.7	3.3	3.0	
							6.5	3.6	3.0	
				marka and deposits of the deposits and some	*******		13.3	4.0	4.0	
							3.4	3.4	2.0	
							<b>خ</b> •	2.4	2.0	
						and the company of the control of th	5	2.0	2.0	ngg pama yan danggang di Pama dag N
							1.2	2.2	1.0	
					÷		3.0	3.4	2.0	
		and a second					7.1	4.3	3.0	
	• • • • •	• • • • • • •		• • • • • •	• • • • • • • • • • • • • • • • • • •	•••••		• • • • • •	••••	
777.	/////	//////	())))))							
l	. 2		the second section of the second section of		entra a proposition de la compansión de la	to company of the second of th	100.0	2.3	3.0	

OPERATING LOCAL USAFETAC, ASH			PERC	ENTAGE	FREQUE			TMCT SURF BSIKVATI	FACE WIMP LUMS
STATION NUMBE	747540		V VČITA TU CT T		GLAND	AF5 LA			40414: 504100
******	• • • • • • • • •	• • • • •	• • • • • • •	• • • • • •	CNIW	SPEED 1	IN KNOTS		• • • • • • • •
OIRECTION (OIGREIS)	1 - 4	<u>5-9</u>		15-19	29-24	25 <b>-</b> 23	9 3Ö-34	35-39	40-49
(N) 350-010	2.3	5.1	1.1	.1	• • • • •	• • • • • •			• • • • • • • •
020-949	5.4	4.9	• 3	. 1	. 4				
350-070	4.0	2.5	,• 2 <sub>1</sub>						
(f) 050 <b>-1</b> 00	4.0	2.4	. 1						
110-130	N. 5	ر. • ب	•8						
140-150	7.0	6.5	1 • 4	• 2			· · · · · · · · · · · · · · · · · · ·		
(5) 170-140	5.1	3.)	• 9	• 2					
200-220	2.3	2.4	• 2						
230-200	1.5		. 1				,		
(7) 250-270	1.0	• 2	. 1						
<b>290-31</b> 0	2.3	1 • I	. 4	. 1					
320-34)	<u>, • , ,</u>	2.4	1.3			. <u>-</u>			
VAR14067	• • • • • • • •	••••	•••••	• • • • • •	•••••	• • • • • •	• • • • • •		• •'• • • • • •
CALM	//////////	11111	//////	11/1/1/	//////	//////	///////	////////	/////////
TOTALS	ųπ <sub>∗</sub> m	37.0	5.3	.7	.4				
			TO	ITAL NUM	IRER DE	335E (	VATIONS	330	

" - 1. - 11 h

## POCHERENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FOURLY UBSCRIVATIONS

N (NITS 30-34 35-39 40-49 50-64 €F 55	TOTAL	MEAN CUIL	MATOEM Cr 15
	7.1	5.)	5.0
	11.2	5.5	5.0
	7.5	3.7	4.0
	7.5	3.8	4.0
	11.4	5.0	٠.٥
	15.2	5.5	5.0
	7.1	5.1	٠. ٦
	5 • 1	4.9	5.0
	2.5	4.5	3.0
	1.3	3.5	2.0
	3.9	5 • 2	3.5
	6.0	5.7	5.5
	•••••		• • • • • •
	9.9	/7////	/////
	100.0	4.5	4.5
1717NS 730			
	_		

0 - 4 - 94

)

COTRATING LUCAT			būsβ	ENTAGE	ESEQUE			PINCE SUPP DoStavATI	
STATION NUMBER	747543		ATLIN Y		IGLAND A	APH T.			4341 3731
()428842) 918401134	1-4	· · · · · ·	10-14	15-14		-	14 Kuni	IS 34 - 37-33	4)=49
(a) 350 <del>-</del> 010	4.3	5.3	1.5	. i	• • • • • •	• • • • •	• • • • • •	• • • • • • • •	• • • • • •
020-040	<b>4.</b> 7	4.7	. 4	• 1	.1				
050-076	H.3	?.)	• 1		-			-	
(3) 030-100	3.)	2.4							
110-130	0.5	4.1	• 1						
140-150	4.	7.5	1.0	• 1	• 2	_			
(S) 170-17)	4.7	· . 1	• 9						
200-220	4.3	2 • 7	. 4	. 1					
239-250	1.)	• 9	• ?					-	
(4) 260-277	1.4	1.1	• ?						
290-310	1.9	1.5	1.2	. 1					
320-340	3.4	2.9	2.3	• 1					
VARIARE	• • • • • • •	• • • • •	• • • • • •	• • • • • •	•••••	• • • • •	• • • • • •	• • • • • • • • •	• • • • • •
CALIT	/////////	////	//////	///////	//////	/////	//////	///////////////////////////////////////	//////
TOTALS	45.4	37.4	3.3	• 5	. 3				• • • • • • • • • • • • • • • • • • • •
			1)	ITAL NUP	BER DE	Jasek	PUTTAY	\$ 930	
• • • • • • • • • • • • •	• • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • •	

# COUPPRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FORCE DASERVATIONS

N IN KAOTS	• • • • • •	• • • • • •	• • • • • •	
- 14 30-34 35-34 40-49 50-64 55 65	TOTAL	MEAN UNIK	MEDIAN WIND	
	11.7	5.8	5.0	
	19.3	5.3	5.0	
	3.2	4.2	4.1)	
	5.4	4.0	4.0	
	9.8	4.4	4.0	
	11.3	5.4	5.0	
	10.6	5.3	5.0	
	7.5	4.5	4.0	
	3.0	4.4	4.0	
	2.7	5.0	4.0	
	4.8	6.3	5.0	
	3.7	5.5	5.0	
• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	••••	
///////////////////////////////////////	5.9	111171	111111	
	100.0	4.9	5.7	
SRVATĪDNS 930		-	<u></u>	
	• • • • • •			
		. <del> </del>		

5 - 4 - 38

11

	DPERATING LOC USAFETAC, ASH						ACA SE 1	JKLY 14		
	STATION NUMES	747541		V VĚLTAT TU CT TI		IGEAND I	AFE LA			,3 °.
	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	. <b></b>	• • • • • •	• • • • • •	OPIN	SPF20 [1	CALLS	• • • • • •	• • • • •
-	(0:2392(2) UTSECTION	1 - 4	7-)	10-14	15=19			30-34	:	., ·
	(4) 350-010	4.5	5.l	.4	.3	• • • • • •	) • • • • • • •	• • • • • • •		, • • •
	020-34)	5.?	4.)	• 9	• 1					
	150-179	ī • <del>4</del>	2.3		. •			<del>-</del>	<del>-</del>	
	(E) 030-100	4.2	1.9	• 1						
	110-130	3.7	3.4	• 1						
	140-150	<u>^11</u>	3.3	• 2		. 1				
	(5) 170-190	3.2	4.0	. 9		. 1				
	200-220	3.3	1.5	• 1						
	232-250	1,.5	• 2	• 1						
	(4) 260-230	1. =	1.2							
	290-310	1.5	1.8	• 6	• 1					
-	320-340	3.1	4.7	1.5	4.	<u> </u>	- * *			
	VARIABLE	• • • • • • • • •	, <b></b> .	•••••	• • • • • •	•••••		• • • • • •	• • • • • •	
	CALM	/////////	/////	//////	//////	//////	////////	11/1///	111111	////
	TOTALS	<del></del>	35.5	5.1		.2		<del></del>		
				TO	ÎL NUM	BER DE	OBSERVA	TTÖNS	930	

<del>---</del>

6 - 4 - 46

speed In			-			• • • • •	-
4 25-27	30-34 35-3	3 40-49	50 <b>−</b> 54	6£ 55	JATOT L	MA 3M Grih	MAICDM Gylk
	• • • • • • • • •	• • • • • • • •	• • • • • •	•••••	19.3	5.4	5.0
					11.1	5.0	5.0
					5.5	4.1	4.7
					6.2	4.1	4.0
					7.2	4.3	4.0
والمراب المستون	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			10.7	4.3	4.3
					13.1	4.5	4.0
					5.5	3.9	3.0
					1.9	3.2	2.0
			-		2.7	4.0	4.0
					4 • 1	<b>5.4</b>	5.0
		<del></del>			9.8	5.7	5.0
• • • • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • •	•••	•••••	••,•••	•••••
(//////////////////////////////////////	//////////////////////////////////////	77/7////	1111111	171111	9 <b>.</b> 7	/////	////// ···
2	<del></del>				100.0	4.4	4.)

.2 105.5 4.4 4.5

OF DESERVATIONS 930

c = 4 = "äā.

USAFETAC, ASH							JUKEY D	(57) 1471
STATION ANNO-	4: 747543		ZCITAT TU CT TS		IGLANU A	ife la	•	
•••••	• • • • • • • •	• • • • •	•••••	, <b></b>		PFEO IN		
OTRECTION (OES/MES)	1-4	5 <b>- )</b>	10-14	15-19	20-24	25-21	30-34	3: - 37
(N) 350-010	5.7	2.4	.3	.3	•••••			
929-148	0.7	1.9	. 4		• 1			
350+070	3.)	• 5						
CO1-080 (3)	٠.٠)	. 4						
110-130	3.7	1.0						
140-150	5. 1	1.3	. 4	• 1				
(3) 170-140	5.1	1.2	. 3					
200-220	• ^	• 2						
230-250	• 3	• 1						
(a) 260-290	• 7							
290-310	2.2	• 3		• 1				
320-340	2.7	1.1	• 5	•1	· – · ·	- <del></del>		
VARIARLI	•••••	• • • • •	• • • • • • •		• • • • • •	•••••	, • • • • • • •	, <b></b> .
CALM	///////	/////	///////	////////	1111111	1///////	1/////	///////
TOTALS	-44.3	15.5	2.2	3.	•1	<del></del>		
			τr	TAL NUM	BER DE	Cascava	ZHETT	42 <b>7</b>

#### CENTAGE FREQUENCY OF DOCURRENCE SUPPACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESERVATIONS

1ME: EN 3: + 6	IGLAND A	NEB LA				5 06 RE	CORD: 19 4098	ขัว <b>∀ี7</b> ส S: 1a-2		*)
15-19		SPEED IN 25-29		35-39		50-54	36 o5	TOTAL	MEAN CHIN	MAICEM GRIW
.3	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	3.7	4.2	3.0
	• 1							9.2	3.9	3.0
		<del></del>						4.5	2.8	2.0
								4.4	2.5	2.0
								4.6	3.4	3.′)
• 1								7.7	3.5	2.3
								4.4	3.2	2.0
								1.1	3.1	2.0
								4	4.3	4. )
								• 5	2.6	2.0
• 1								2.5	3.5	2.0
• 1							· ·	4.5	5.1	٠.)
• • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •
/////	///////	1777777	////////	771777	777777	1111111	1111111	42.2	111111	111111
•3	•1		-					100.0	2.1	2.0
AL NUM	BER OF	D3SFRV4	TTHS	927						
	• • • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •

STATION NUM		LS	T TO UT	C: + 6		7 - 8 - F v			
	1-4		13-14	15-19	WIMD 9 20-24		30 <b>-</b> 34		• •
(4) 350-010	4.2	1.7				• • • • • • •	• • • • • •	• • • • • •	• •
020-040	4.5	1.2	. 4		.1				
050-070	> · · ·	1.7	• 1						
(E) 080-100	1.4	• 5							
110-130	3.)	1 • 4							
140-150	. A • ∫	2.2	ė ė						
(5) 170-190	7.3	1.1							
200-22%	1.4								
230=250	• ′	• 2							
(4) 250-200	1.3		• 1						
270-316	?•0	• 1							
321-341	1.	1.5	٠ ک	• 2					
VARIABLE	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • •		• • • • • •	• •
CALH	111111	////////	//////	111111	11/1///	////////	////////	//////	11
TOTALS	35.)	11.5	1.5	. 5	• 2				
			Τú	TAL NU	ISES CE	03\$FRV	RELITA	927	

## TUINCY OF UCCURRENCE SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DASERVATIONS

SPEED IN KNOTS + 25-29 30-34 35-39 40-49 50-64 SE 55	TUTAL	MAAN GUIN	MAIC, SM CVIIA
1	5.5	4.6	3.)
I	5.3	4.2	3.0
	4.3	3.6	3.)
	2.0	3.7	3.0
	4.4	3.7	3.0
	3.5	3.5	3.3
	5.9	2.9	2.0
	1.4	2.4	2.0
	1.0_	2.9	2.)
	1.4	3.0	2.0
	2.2	2.5	2.9
	3.3	5.3	5.0
••••••••••••	• • • • • •	•••••	• • • • • •
	51.5	/////	/////
?	100.0	1.8	3.0
F DRSFRVATIONS 927			

OPERATING LOCATION WAY PERCENTAGE PREDUPNCY OF GOODPRESCE SHOPACE MISAGETAC, ASHEVILLE .C. FROM HIDILY DASH VATIONIN STATION NUMBER: 747540 LI ERA CHAJOHE FRAN HOLTATO LST TO UTC: + 6 WIND SPEED IN CASTS MIRECTION 1-4 5-9 10-14 15-19 20-24 25-21 30-34 (0-4) 49-(N) 350-010 3.2 .7 •2 •1 •n . 4 020-047 4 🕶 2.3 . 1 • l 957-077 3.5 1.5 . 1 (日) On D=1 10 2.7 1.0 110-130 2.5 4 . 4 . 1 14 (-150) 3.4 • 5 . 1 (3) 170-130 . 3 2.1 . 4 • Ü 200-226 I . .. • • . 1 23.7-22.7 1.0 . 1 . 3 (4) 259-240 1.) . 4 . 1 299-310 2.2 • 3 . 1 320-345 3.4 2.1 . 7 VARIARLE TOTALS 40.7 21.J 3.7 .6 .2 TOTAL NUMBER OF DASERVATIONS 7434

6 - 4 - 90

#### DEFICY OF BOODERENCE SUPPLICE WIND DIRECTION VERSUS WIND SPEED. FROM HOURLY DESCRIPTIVE PROPERTY.

AN)	7 =	3 L	. 1				-								INV 73 -	)	· ·	
IND 2-24				و	) <b>-</b>	34										чеду	MIJIAI	
	• •	• • •														दापठ	<u>- 4147</u>	
- 1		• • •	. ^	• • •	• •	• • •	• • •	• • • •	• • •	• • • • •	• • • •	• • •	•••	••••	3.5	5.2	4.7	
. I			ز .												3.2	4.3	4.')	
					-		-	·							5 • Î	3.3	₹.5	
															3. a	3.5	3.0	
															7.5	4.2	4.0	
• -	ı								-						10."	4.3	4.5	
• .															7.1	4.3	4.0	
															2.3	4.2	4.0	
								-	-						1.3	3 . ā	3.3	
															1.5	3.5	2.0	
															3.3	4.5	٥,٥	
									·					-	5.5	5.3	4:3	
• • • •	• • •	• • •	• •	• • •	• •	•••	•••	• • •	• • •	• • • •	• • • •		• • • •	••••	••••		•••••	
////	///	///	///	///	///	///	///	///	///	////	////	///	///	////	34.0	/////	/////	
• 3	2														100.1	2.9	4.0	
- ')r	= ŋ	۱5 <del>۱</del>	v	Δ T I	[ ] <sup>N</sup>	S	743		•••	• • • • •	• • • •		• • • •	• • • • •	• • • • • •	• • • • • •		

	PERATING LO Safetac, as			<b>δ</b> ⊕ οCί	NTAGE	FREQUEN	= 5 13 1 1 1CA 1	COUPL TO	0- 50 F	427 4197
51	TATION NUMB		LS	TATION WY	: + 6	IGLAND A	FB 1.4			+1.4 <b>1</b> 31 113 <b>11:</b>
Ç.	TEGURY A:	CHILING ST	200	3UT 1889	THAN RONGMA	1500 F	eir air	+ 41313	ILITY	
• •	• • • • • • • • • • • • • • • • • • • •	VISITILITY	5 . l	./2 MIL9	(0300	METERS)	311 <b>7</b> [ 1	So THAN	3 MIL.	5 (47)
	3124071 by	1 - 4	•5 <del>=</del> •3	10-14	15-19	- WIND S - 20-24	PTCD <b>1</b> 4 -25 <del>+</del> 24	(% ITS	- 4	5 · - 6 · .
	( (i) ((a , a ) )								• • • • • •	• • • • • • •
( )	0 350-010	3.5	3.5	1.5	1.3		.1	• • • • • •	• • • • • •	• • • • • • •
	020-040	4.6	4.4	1.5	• 3	• 5	• 1			
	050-070	4.3	2.3	. 3						
( -=	) 030-100	١.)	1.3	• 1						
	110-130	5.4	4.2	• 4						
	140-150	7.1	5.1	• 4						
(3	170-190	3.3	1.1							
	200-223	1.2	. 1							
	230 <del>-</del> 25)	• 4• 	• ?			_				
( 4	230-230	• 4	• 1	. 1				-		
	299-319	1 • •	• ()	1.0	• 2					
	320-340	2 • 1	2.5	1.4	• 5					
• •	VARIANLE	• • • • • • • • • •	••••	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
	CALM	///////////////////////////////////////	////	///////	//////	///////	/////////	///////	///////	////////
	TOTAL'S"	40.0	6.5	ठ.≖	2-3					
				<b>1</b> 31.	L NUM	3ER OF T	BSE~VAT	1745 1	11,	
• • •	•••••	• • • • • • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••

F3 LA	PERIOD OF RECORDS MONTH: OCT HOUR		াটো ব	<u> </u>
TIT WITH VISIBILITY	GE 1/2 MILE (0800 METE	°5).		
UIT LESS THAN 3 MI	<u> इंड (४०) अहाहरूड) श्राम</u>	CETLING	GE 20)	TECET.
	9 40-49 50-54 GC 65		• • • • • •	
		<u> </u>	CNIN	
• 1		10.5	3.2	5.ú
• 1		11.4	5.3	5.0
· · · - <del> · · · -</del> · · ·		5.9	4.4	4.)
		4.3	4.0	4.0
		10.5	4.4	4.0
		15.5	4.4	4.)
		4.9	3.3	?•0
		1.3	2.9	2.3
		• 5	2.7	2.9
		. 5	4.7	2.0
		3.5	5.5	5.7
		6.5	7.2	7.0
••••••			,	
(((((((((((((((((((((((((((((((((((((((	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	23.3	111111	//////
. 7		100.0	4.2	4.0
DBSERVATIONS III2				
• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • •	• • • • • •

MOY BE OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED.

c = 4 = 150

•

N NA 9 UTC:				7547	₹: 747€	<del>मउ</del> ्र	TION NOW
14 1	) 1	5-9 	5-0	-4	1 - 4		)13E0T10 (0532645
.6	7	3.7	3.7	• • • •	3.0	ა	350-010
. 3	7	1.9	1.9	. 4	2.4	<b>o</b>	020-040
• 1	)	1.0	1.0	• 9	1 • 9	)	250-273
. 1	•	. 4	. 4	. 5	1.3	J	080-100
• 4	)	2.5	2.5	. 1	3.1	:)	110-130
. 7	7	3 • 7	3.7	• 1	p • 1	G. L.	140-156
. 7	;	.9	• 9	• ?	3.3	)	170-19)
	3	.3	• 3	• 3	1.3	9	200-220
. 1	l	1.1	1.1	•.1_	1	<u>)</u>	230-250
• 1	)	. 9	• 9	• 1	1 • 1	Ċ	260-233
• ∺	7	1.7	1.7	. 5	2.4	0	290-310
. o	3	2.3	2.3	• 1	4.1	<u> </u>	320-340
••••	• • •	• • • •	• • • • •	• • • •		<u></u>	VARIABLE
////	////	////	/////	////	111111		CALM
a	7	o . a -	20.7	.5	37.5		IDTALS

• •

#### REQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

NO AFR				· VOV		10V 79 + 5: 00-02			
	D IN KNUTS 5-29 30-34	35-39	47-49	50-64	GE 35	T)f4L %	NABE GNIK	VAICEM COLL	
• • • • • •	• • • • • • • • • • • •		• • • • • •		• • • • • •	7.2	5.5	5.0	
						4.7	4.8	4.0	
					· · · · · · · · · · · · · · · · · · ·	3.0	4.3	4.0	
		<del></del> .	<del>-</del> · ·			2.1	3.9	4.0	
						5.6	4.3	4.0	
• 1						9.5	5.0	4.0	
						5.0	4.8	2.0	
						2.1	4.0	4.0	
						2.3	5.3	5.0	
						2.1	5.1	4.0	
						5.0	5.3	4.0	
						7.9	5.2	4.0	
······································	······································	······································		,,,,,,		43.4	 //////		
. I			· · · · · · · · · · · · · · · · · · ·			100.0	2.3	4.0	
R DE 833	FRVATIONS	900							
• • • • • • •					• • • • • •		• • • • • •		
					<del></del>				
							· · ·-· ·-· ·		

. - . . - •

STA	TION NUMAS	747540		ATION S		GLAND AFB LA		
	01860115V (053855S)	1-4	•••••• 5 <b>~</b> }	10-14	15-19	WIND SPEED IN KNOTS 20-24 25-29 30-34	35-39	
( 1/2)	350-010	3,5	2.0	1.1	• • • • • •		••••	
	020-040	2.0	2.9	. 4			-	
	050-070	2.0	. 9	. 1				
(E)	030-100	2.4	• 6					
	110-130	4.0	3.2					
	140-150	4.5	4.1	. 3		• 1		
(S)	170-190	1.3	1.0	. 4	. 1			
	200-220	1.2	• 3	• 1				
	230-250	1.4	.1	.1				
(W)	260-250	1.4	.4					
	290-310	3.3	1.7	. 4	. 1			
	320-340	4.7	2.9	1.0	as many the same and a same and			
•••	VARIABLE	• • • • • • • • •	• • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • •	
	CALM	7////////	/////	///////	///////		7////	
	FOTALS	33.5	27.5	4.3	• 2	.1		
• • •		• • • • • • • • •	• • • • •	•		BER OF PRSERVATIONS		

C - 4 - 10?

the second of the second second of the secon

M HOURLY DASE	RVATIONS	RECTION VER	- 14			
[ ]	AC GCISSA ICN :HINCM	RECORD: N HOURS		)CT 83		
D IN KNTTS	• • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • •	• • • • •	• • • • •	
-29 30-34 3	5-39 40-49 50-6	64 GE 65		1EAN 1INO	HAIGEM GNIW	•
	• • • • • • • • • • • • • • • • •		7.2	5.5	5.0	
			5.3	5.5	5.0	
						*
			3.0	4.4	4.0	
<u>.</u>		• • · · · · · • •	3.0	3.3	3.0	
		*	7.2	4 • 4	4.0	
			9.1	4.3	4.5	
41 2			3.7	5.5	5.0	
			2.2	3.3	3.5	
			1.7	4.1	3.0	
			1.9	3.6	3.0	
			5.0	4.3	4.0	
			3.4	4.7	4.0	
• • • • • • • • • •			• • • • • • •		• • • • •	
			**************************************			
//////////////////////////////////////	///////////////////////////////////////	(111111111	41.2 //	/////	11111	
			100.0	2.8	4.0	
EVATIONS 9	00					·
* * * * * * * * * * * * * * *	• • • • • • • • • • • • • • • • • •			• • • • •	• • • • •	
		<del></del>	<del></del>			
			~			. <del></del>

 $\mathbf{a} = \mathbf{e} \cdot \mathbf{e} \cdot \mathbf{e} \cdot \mathbf{e}$  , where the second constant  $\mathbf{e} \cdot \mathbf{e}$ 

5 - 4 - 102

STATI	JN NUMBER	: 747540		N NCITA	AME: EN	IGLAND A	IFO LA			9 <u>9</u> 40
	RECTION FGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-30	40-
(N) 3	50-010	2.3	3.7	. 6	.1	• • • • • •		• • • • • •	• • • • • •	• • • •
0.	20-240	3,.2	2.2	. 7						
<u> </u>	50-070	2.0	1.8	.1						
(E) 0	30-199	1.7	1.0							
1	10-130	5.1	5.1	• 3						
1	40-150	5.2	3.9	1.1						
(5) 1	70-190	2.1	1.4	• 2					-	
2	00-220	.9	• 4				-			
2	30-250	1.3	.1	.1						
(4) 2	50=230	1.7	1 • 1	• 2			-	. = .		_
2	90-310	3.3	1.2	. 6	•1	1				-
3.	20-340	6.0	3.3	• 2	• 1					
VA:	RIABLE ALM	·····	//////				(1)17777	777777	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,
11	TALS	35.4	25.2	4.1	• 3	• 1				
				* <b>T</b> 7	ITAL NUM	BER OF	URSERVA	TIONS	700	
•						. ,,,				

#### FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

100.0 3.2 4.0	1 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	DEED IN	STENY		• • • • • •	• • • • • •	• • • • •	• • • • •	• • • •	• • • • •	•••••	
6.1 5.1 4.0  3.9 4.6 4.0  2.7 3.9 3.5  10.6 4.9 5.0  11.2 4.9 4.0  3.8 4.9 4.0  1.3 4.3 4.0  1.5 3.3 3.0  3.0 4.5 4.0  9.7 4.5 4.0  2.7 3.9 3.5  10.6 4.9 5.0  11.0 4.9 5.0  11.0 5.3 4.9 4.0  9.7 4.5 4.0  2.7 3.9 3.5  10.6 4.9 5.0  10.8 3.8 4.9 4.0  10.9 3.2 4.0				35-39	40-49	50-64	GE 6					
6.1 5.1 4.0 3.9 4.6 4.0 2.7 3.9 3.5 10.6 4.9 5.0 11.2 4.9 4.0 3.8 4.9 4.0 1.3 4.3 4.0 1.5 3.3 3.0 3.0 4.5 4.0 9.7 4.6 4.0 9.7 4.6 4.0  The descriptions 900	• • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • •	7	• 2	5.4	5.0	
3.9 4.6 4.0  2.7 3.9 3.5  10.6 4.9 5.0  11.2 4.9 4.0  1.3 4.3 4.0  1.5 3.3 3.0  3.0 4.5 4.0  1.1 5.3 4.9 4.0  9.7 4.6 4.0  1.1 100.0 3.2 4.0								6	. 1	5.1		
10.6 4.9 5.0  11.2 4.9 4.0  3.8 4.9 4.0  1.3 4.3 4.0  1.5 3.3 3.0  3.0 4.5 4.0  9.7 4.6 4.0  ///////////////////////////////////									. 9	4.6	4.0	
10.6 4.9 5.0  11.2 4.9 4.0  3.8 4.9 4.0  1.3 4.3 4.0  1.5 3.3 3.0  3.0 4.5 4.0  9.7 4.6 4.0  1.1 100.0 3.2 4.0	· · · · · · · · · · · · · · · · · · ·							2	. 7	3.9	3.5	
11.2 4.9 4.0  3.8 4.9 4.0  1.3 4.3 4.0  1.5 3.3 3.0  3.0 4.5 4.0  5.3 4.9 4.0  9.7 4.6 4.0								10	• 6	4.9	5.0	
3.8 4.9 4.0  1.3 4.3 4.0  1.6 3.3 3.0  3.0 4.5 4.0  5.3 4.9 4.0  9.7 4.6 4.0  1.1 100.0 3.2 4.0			. =====		, 244 1							
1.3 4.3 4.0  1.6 3.3 3.0  3.0 4.5 4.0  5.3 4.9 4.0  9.7 4.6 4.0  1.00.0 3.2 4.0  3.6 Or Servations 900												
1.5 3.3 3.0  3.0 4.5 4.0  5.3 4.9 4.0  9.7 4.6 4.0  7///////////////////////////////////			_ *** ** *** ***	<del></del>							** - *	
3.0 4.5 4.0 5.3 4.9 4.0 9.7 4.6 4.0  7///////////////////////////////////												
.1 5.3 4.9 4.0 9.7 4.6 4.0  ///////////////////////////////////										<del></del>		
9.7 4.6 4.0  (///////////////////////////////////	. 1		. —									
.1 100.0 3.2 4.0 EA OF UNSERVATIONS 900	• •				- magain of the section of the secti							
= A DE BASERVATIONS 900												
.1 100.0 3.2 4.0 =	• • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	••••		• • • •		• • • • • •	
A DE BASERVATIONS 900	11111	1777777	777777	,,,,,,,	1711111	777777	77777	77 33	.7	777777	7/7/77	
	•1	·						100	• 0	3.2	4.0	
	a DF	OBSERVA	TIONS	~900 ···	-							-
	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • •	• • • • •	• • • •	• • • • •		
	-										······	

MITON NUMBER:	747540		V NCITA			GLAND AFB LA	0C1579:	) OF RE	ECOR"
DIRECTIÓN (DEGREES)	1-4	5-9	10-14	15-1	19	WIND SPEED IN KNOTS 20-24 25-29 30-34 35-39	45-49	50-54	SE.
350-010	5.1	5.2	1.2				•••••		
020-040	. 4.1	. 4.2	1.0	•	. i		.=		
050-070	3.0	3.1	.3						
080-100	1.7	1.9							
110-130	5.0	4.9	• 3			<u> </u>			
147-150	5.2	9.2	3.6						
170-190	2.0	2.6	1 • 2	•	• 2				
200-220	. 7	1.2	1.0	•	. 3				
230-250	1.2	1.0	. 7						
1 250-230	1.6	. 9	• 2						
290-310	1.3	3.0	1.4						
320+349	2.1	4.3	1.2						
VARIABLE CALM //	······	·····	······································	1777)	) <u></u> [[7]	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	······································	/////	, ///
TOTALS	34.5	41.5	12.6	•	• 6				
-			10	TAL N	TUME	BER OF DOSERVATIONS 900			
				=					
				-					. –

C - 4 - 104

UH HOURLY OBSE	E SUPFACE WIND DI	IRECTION VERSUS WI	ND SPEF	D	
LA	568130 Ja	RECORD: NOV 78	- ३८१ ड	3	
• • • • • • • • • • •	CN : HTVCH	JV HOURS: 09-1	1	·	
D IN KNOTS -29 30-34 3	35-30 63-60 EA	-54 GE 65 TOTAL		mad santo	
	,, ,, ,, ,,	-54 5E 55 TOTAL	MEAN MIND	HEDIAN GPIAN	
		11.6	5.6	6.0	
		9.4	5.6	5.0	
		5.4	4.9	5.0	
			4.6	5.0	
	en en entre de la companya de la co	10.7	5.4	5.0	
· · · · · · · · · · · · · · · · · · ·		19.0	5.4	5.0	
		6.3	6.5	5.0	
<del>-</del>	en er en en en er en	3.2	5.6	3.0	
		2.9	6.5	5.5	
e marine and a second		2.7	4.9	4.0	
-		6.2	5.7	7.0	
		7.7	5.5	7.0	
• • • • • • • • • • •	• • • • • • • • • • • • • • •				
				<u> </u>	
		77777777 10.7	///////		
		100.0	5.3	5.0	
RVATIONS 90	00				
• • • • • • • • • • • • •			• • • • • •	• • • • •	
			_		

C - 4 - 104

STATION NUMBER	74.7540	<del></del>	ATTON	JAME . EN	IGLAND AFB LA	हार I
STATION NOBES	. •		T TO UT		SCAND AND LA	พอจา พอจา
, <b></b>	) • • • • • • • • •		• • • • • •	• • • • • •	STENN NI CBBAS GNIM	• • • • • • •
)13801134 (0503853)					20-24 25-29 30-34 35-34	9 49=4°
(4) 350-010	3.7	4.9	1.8	•••••		• • • • • •
020-040	3.2	4.4	1.0			
250-070	3.2	2.3	.1			
E) 030-107	3.0	2.2				
110-130	4.7	2.5	.7			
140-150	4.4	5.1	2.6	•1		AND THE CONTRACTOR .
(5) 170-190	2.9	4.3	1.9			
200-220	1.1	2.7	1.7	• 1		
230-250	2.0	1.7				
(w) 250-230	2.2	1.6	. 4			
290-310	3.3	3.7	1 • 4	• 2		
320-340	3.3	4.4	2.0	.1		
VARIABLE		•••••	• • • • • • •	• • • • • • •		• • • • • • •
CALM	/////////	/////	1111111	'////////		//////
TOTALS	37.0	41.5	13.8	• 5		
			ĪĊ	TAL NUE	HER OF ORSERVATIONS 900	

#### NTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

13: ENG	GLAND	AF3 L	4							107 78 - 5: 12-14		3
15-19	20-24	25-	IN 29	KNOTS 30-34	35-39	40-49	· · · · · · · · · · · · · · · · · · ·			TATAL %	MEAN WIND	PAIGEM CVIN
•••••••• •	• • • • •									10.3	6.1	6.0
										8.7	5.7	6.0
				······································	······································					5.7	4.5	4.0
							-			5.2	4.0	3.0
										8.1	4.8	4.7
1										13.2	5.4	5.0
•										9.6	6.7	7.0
. 1										5.6	7.4	9.0
						·				3.9	4.7	4.0
						·				4.2	5.1	4.0
• 2										8.7	5.1	5.0
• 1										9.9	6.5	5.0
· · · · · · ·		• • • • •	• • • •		• • • • • •	• • • • • •	• • • • • •	• • • •	• • • •	<u>.</u>		• • • • • • •
, ///////	'////	11117	///	///////	7//////	////////	17/17/7	7///	111	7.0	111111	171777
.5								<del></del> -		100.0	5.4	6.0
AL NUM3	954 UE	0955	2 V A 1	TINS	900	• • • • • •	• • • • •	••••	••••	*** * * * * *	• • • • •	

• • •

STATION NUMBE	77. 77.75	· · · · · · · · · · · · · · · · · · ·	N NCITA	A VIII all the	(A) TITS				·· <del></del> ;
STATEON NUMBE	. <b>&lt; i</b>		TU OT T		IGEANU -	1-2 FY			1
• • • • • • • • • • • •		• • • • •	• • • • • •	• • • • • •	WIND S	SPEED IN	KNITS	•••••	• • •
DIRECTION (DEGREES)	1-4	5 <b>-</b> 4	10-14	15-19	20-24	25 <b>-</b> 27	30-34	35-39	4)
(N) 350-010	5.1	6.1	1.2	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • •
020-040	4.0	3.5	. 7						
 050-070	5.1	1.9	• 1	-					
(E) 080-100	3.7	1.2	• 1						
110-130	4.0	2.5	• 5						
142-150	4,5	4,4	. 7	. 3					
(5) 170-190	4.0	5.7	1.3	. 1					
200-220	2.5	2.8	. 7						
230-250	1.4	9	.1					· · - · · · ·	
(4) 250-230	1.3	• 6	• 4						
290-310	2.5	3.1	1.6	• 1					
320-340	3.5	4.4	1.5	44					
VARIABLE	• • • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••
CALM	111111111	/////	//////	//////	//////	,,,,,,,,,	77/1///	1711111	///
TOTALS	42.4	37.3	9.3	5	mental and and the second				
			**	* A.L. XII.	0.00	OBSERVAT	FFSAIA	300	

- --- .. ..

#### JE FREQUENCY OF OCCUPRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED. FROM HOURLY OBSERVATIONS

ENGLAND D	453 F7				O DE RE	: เดรกว เมษา	NOV 73 -		3
•••	SPEED IN 25-20	30-34				GE 65	TOTAL	MEAN CMIH	PAINEM CHIN
• • • • • • •		• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	12.4	5.5	<b>6.0</b>
							9.2	4.7	5.0
							7.1	3.7	3.0
							5.0	3.7	3.0
							7.1	5.1	4.0
;							10.3	5.4	5.0
i							11.1	5.8	5.5
							U • 4	5.5	5.5
			· <u></u>				2.5	4.5	4.3
							2.3	5.0	4.0
1							7.3	6.5	6.0
						· · · · · · · · · · · · · · · · · · ·	9.5	5.3	5.3
• • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
///////	///////////////////////////////////////	///////	///////	///////	///////	///////	10.8	//////	111111
5							100.0	4.7	5.0

DPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

#### PERCENTAGE FREQUENCY OF TURBURHINGS SHREACH WINDERSON WATER

USAR FACE CONT.	TELET. NO					1 <b>V</b> -J · · (L ·	10 XE 1 10	)	, . <b>.</b>
STATION NUMBER:		LS	et to ut	C: + 5		F) La	<del></del>		97417 MUNTH
DIRECTION (0537588)	1-4	ñ <b>-</b> 9		15-19	WIND S 20=2+			34-37	4)=40
(N) 350-010	4.)	3.9	.3	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••
020-040	4.7	2.4	. 4						
050-070	3.9	• ÷							
(E) 030 <b>-</b> 100	2.9	• -}							
110-130	3.3	٠,	• 5						
149-159	& • 1 <sub>1</sub>	3.3	.7						
(3) 170-190	5.7	2.3	1.1						
200-227	1.3	• ?	• 2						
230-250	j • 5	• 7	.1						
(4) 250-270	1 • 4	• 3	. 1						
290-310	1.9	1.1	• 5	• 2					
320-340	4•_2	3.2	•						
VARIABLE	, • • • • • • •	J • • • • •							•••••
CALM	(////////	'/////	///////	'//////	'//////	'//////	1111111	////////	11/1///
TOTALS	37.3	27.2	4.3	• 2					
			<b>T</b> 3	TAL YJ'	iser Je	3086441	KT 1 145	313	

0 - 4 - 107

## PROBLEMS OF JCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED SECTION VERSUS WIND SPEED.

LAVO 350 LA	#34130 DE RE #0414: NOV				iş
VIND SPEED IN KNOTS	• • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
1)-24 25-24 30-34 35-37	40-49 50-64	GE 05	TOTAL	PEAN CPIN	MAIGEM CVIN
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • •	8.2	5.0	5.0
			7.9	4.2	4.0
			4.3	2.0	2.5
			2.7	3.5	3.0
			3.9	4.9	4.0
			10.1	4.3	3.0
			9.1	4.5	4.0
			2.5	4 <b>.</b> ¤	4.7
			1.3	5.3	5.0
			1.9	3.5	2.0
			3.5	5.7	4.5
No. 1 No. 1 No. 1 No. 1 No. 1 No. 2			7.7	4.4	4.0
••••••		• • • • • • •	• • • • •	• • • • • •	• • • • • •
	///////////////////////////////////////	1111111	35.3	/////	/////
as a final state of the same and the same an			100.0	2.9	4.0
CR DE DRSERVATIONS (1956)					
••••••	• • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •

c - 4 - 107

ST	BEMUR POITA	· <: 747540		TATION N		IGLAND A	AF3 LA		
• •	• • • • • • • • • •	, <b></b> .	• • • • • •	•••••	•••••	CATE	SPEED IN	,	• • • • •
	DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-21		35 <b>-</b> 3
( ')	<b>) 350-</b> 010	3.1	2.7	8.	• • • • • •	• • • • • •	) • • • • • • •	• • • • • • •	• • • • •
	020-040	2.5	3.1	. 1					
	353-071	3.4	C • 1						
( =	) 030-100	1 • 4	. )						
	110-130	3.5	2 • 2	• a	.1				
	140-150	5.2	2.7	.9					
<b>(</b> S	) 170-190	4.0	2.3	• 4	.1				
	200-220	. 3	1.6	• 2					
	230-250		2	1					
( 4	) 260 <del>-</del> 230	2.2	• 3						
	290-310	2 • 5	• 9	• 7					
	320-340	3.2	2.9	1.0	• l				
• •	VARIABLE	<b>,</b>	• • • • • •	•••••	· • • • • • • •	<b>&gt; • • • • •</b> •			
	CALM	///////	///////	'//////	'//////	1//////	1111111	7777777	77777
	TATALS	34.0	20.8	5.0	• 3				
				T₫	· · · · ·		J3SERV.	SVCITA	350

C - 4 - 10?

ISLA'	ND AF3 LA				10 OF KE	CORD:	NOV 78 - S: 21-23	JCT a	3	
	ND SPEED I		• • • • • •			• • • • • • •		• • • • •	• • • • • •	÷ .
	-24 25-27		35-39	40-49	50-64	GE 55	TOTAL	MEAN WIND	MEDIAN WIND	
• • • •							6.6	5.4	5.0	
							5.8	4.9	5.0	
					•		4.4	3.5	3.0	
							2.3	4.1	4.0	
						- , -	6.7	5.4	4.0	
					-		9.3	4,4	4.0	
							5.7	4.7	4.0	
						***	2.6	5.2	5.0	
				·····			1.2	4.1	4.0	
						<del></del>	2.5	3.2	3.0	
			مي تيمه و ښارو په ۱۰۰	· · ·		~~	4.1	4.7	4.0	
	****						7.2	5.4	5.0	
	,,									
///	11/////////////////////////////////////	////////	1111111	1111111	777777	1111111	39.9	77/1/1	/////	
		<del></del>				<del></del>	130.5	2.8	4.0	<del></del>
9 <b>5</b> 3	OF DESERV	SUCTTA	900							· · · · · ·
• • • •			• • • • • •	•••••		******				
	····				<del></del>	<del></del>				
						·				

CURRENCE SUPFACE	FROM HOUR			•		TELE NO	OPERATING LOCAT
M.	AF6 LA	GLAND		N NCITA		747540	STATION NUMBER:
	SPEED IN K		• • • • • •		• • • • • •	• • • • • • •	
30-34 35-39 40	25-27	23-24	15-19	10-14	ੌ5 <b>-</b> 9΄	1-4	DIPECTION
							(DEGREES)
			. 0	9	4.1	3.3	(N) 350-010 TTT
		-	.0	• 6	3.1	3.3	020-040
		·······	·	.1	1.6	3.1	050-070
				•0	1.1	2.3	(E) 030-100
<b>-</b>			.0	• 5	3.0	4.0	110-130
		• 3	.1	1.3	4.7	5.4	140-150
			• 1	1.0	2.6	3.2	(S) 170-190
			. 1	•5	1.3	1.3	200-220
				2	.7	1.3	230-250
		, .		• 2	• 8	1.6	(₩)" 260 <b>-</b> 280 <sup>~</sup>
			- · · · · · · · · · · · · · · · · · · ·	. 9	2.0	2.7	290-310
			.0	1.0	3.5	3.9	320-340
<del></del>							VARIABLE
///////////////////////////////////////	1111111111	/////	//////	//////	/////	//////	CALM /
			.4	7.2	28.5	35.9	TOTALS
IONS 7200	OBSERVATI	BER OF	TAL NUM	TO			
	•••••	• • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • • • • • • • • • •
		<u> </u>					
					,		
			. =			· ·- · ;	· · · - · ·

JENCY OF OCCURRENCE SURFACE FROM HOURLY OBSERVATIONS	WIND DIRECTION VER	SUS WI	ND SPEED		
	ERIJO OF RECORD: N SAUOH VEN :NTNO		- OCT 98		
SPEED IN KNOTS	• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • • • •	• • • • •	
24 25-27 30-34 35-39 40	-49 50-64 GE 65	TOTAL	MEAN	MEDIAN	
	• • • • • • • • • • • • • • • • • •	****	WIND	CNIW	
	• • • • • • • • • • • • • • • • •	• • • • • •		• • • • •	
		3.8	5.5	۶.0	
		7.0	5.1	5.0	
		4.7	4.1	4.0	, -,
		3.4	3.8	4.0	<del></del>
		7.5	4.9	4.0	<del></del>
3		11.5	5.3	5.0	
		6.9	5.5	5.0	
		3.2	5.9	6.0	
		2.2	4.9	4.0	
		2.6	4.5	4.0	
. 0		5.6	5.7	5.0	
		8.5	5.4	5.0	
,	• • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • •	
	///////////////////////////////////////	27.8	111111	/////	
		100.0	3.7	5.0	
DE OBSERVATIONS 7200					
0.0000000000000000000000000000000000000	• • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	
			· · · · · ·		

STA	TION YUMB	ER: 747540		V VCITA		GLAND	AFB LA			?£₹ MDN
• • • •	• • • • • • • •	• • • • • • • • •		• • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
CATE	EGORY A:	CEILING G			AND/OR					
		VISIBILIT	Y GE 1.	/2 MILE	(0800	METERS	S) BUT I	LESS THA	N 3 MIL	FS (43
	DIRECTION	1-4	5+9	10-14	15-19		SPEED 4 25-2			40-4
	(DEGREES)		· · · · · ·			• • • • •				
(11)	350-010	4.3	6.1	1.3	.1		• • • • • • •	• • • • • • •		
	020-040	3.1	3.6						<del></del>	
	050-070	2.5	1.9	.1						
(E)	080-100	3.4	1.7							
	110-130	5.1	4.4	1.0						
	140-160	6.5	6.5	1.9	• 2	• 6	2			
(5)	170-190	2.9	1.4	1.0	. 4					
	200-220	1.0	. 7	. 3	•1					
	230-250	• 6	.7	• 2						
(4)	260-280	.7	. 7	• 2						
	290-310	2.6	2.7	1.0	• 2		·			
	320-340	4.5	5.1	1.0	•2					
• • • •	VARIABLE		• • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••
	CALM	77777777	<i>77717</i> 7	7777777	1111111	77777	117777	,,,,,,,,	7777777	777777
	TOTALS	37.4	35.5	8.7	1.2	• 6	2			
CAL	_4	,,,,,,,,,,	. , , , , , ,					,,,,,,,	,,,,,,,,	777777

graphic control of the control of th

PERIOD OF RECORD: NOV 78 MONTH: NOV HOURS: ALL DO FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). PERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING SPEED IN KNOTS D-24 25-29 30-34 35-39 40-49 50-64 GE 55 TOTA  11.7 7.2 4.0 5.2 10.5 6.4 10.9	G GE 200	• • • • • •	
ERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILINND SPEED IN KNOTS -24 25-29 30-34 35-39 40-49 50-64 GE 55 TOTA  11.7 7.2 4.0 5.2 10.5 1.6 6.4		) FEST.	
ERS) BUT LESS THAN 3 MILES (4300 METERS) WITH CEILIN ND SPEED IN KNOTS -24 25-29 30-34 35-39 40-49 50-64 GE 55 TOTA  11.7 7.2 4.6 5.7 2.1 1.5 6.4		) FEST.	
ND SPEED IN KNOTS -24 25-29 30-34 35-39 40-49 50-64 GE 55 TOTA  11.7 7.2 4.5 5.2 10.5 2.1 1.6 6.4		) FEST.	
-24 25-29 30-34 35-39 40-49 50-64 GE 55 TOTA  11.7 7.2 4.6 5.2 10.5 1.6 6.4	• • • • • • •		
11.7 7.2 4.5 5.2 10.5 .2 15.4 5.7 2.1 1.6 6.4 10.9			
11.7 7.2 4.5 5.2 10.5 .2 15.4 5.7 2.1 1.5 1.6 6.4 10.9	L MEAN	MEDIAN	
7.2 4.5 5.2 10.5 .2 15.4 5.7 2.1 1.5 1.6 6.4 10.9	CNIK	MIND	
4.5 5.2 10.5 .2 15.4 5.7 2.1 1.6 6.4 10.9	6.0	6.0	
5.2 10.5 .2 15.4 5.7 2.1 1.6 6.4 10.9	5.4	5.0	
10.5 .2 .5.7 .1.6 .1.6 .1.6 .1.7	4.6	4.0	
15.4 5.7 2.1 1.5 1.6 6.4 10.9	4.1	4.0	
5.7 2.1 1.5 1.6 6.4 10.9	5.2	5.0	
2.1 1.5 1.6 6.4 10.9	5.9	5.0	
1.5 1.6 6.4 10.9	6.2	4.0	
1.6 6.4 10.9	5.3	5.0	
6.4	5.8	6.0	
10.9	5.4	5.0	
	6.0	5.0	<del></del>
1//////////////////////////////////////	5.5	5.0	
	• • • • • •	• • • • • • •	
.2	11111	777777	<u> </u>
	4.6	5.0	
OF OBSERVATIONS 1243	• • • • • •		
			<del></del>

)

)

.

)

OPERATING LOCATUSATETAC, ASHEV		-	PERC	ENTAGE			NCE SURFACE WIN BSERVATIONS
STATION NUMBER	747540	ST LS	N NCITA	AME: EN	IGLAND AFB L	. А	25413 MONTH
• • • • • • • • • • • • • • • •	• • • • • • •	• • • • •	•••••	• • • • • • •	WIND SPEED	IN KNOTS	
OTRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24 25-		
(N) 350-010	3.3	2.2	13	• 2			
020-040	4.3	2.5	3				
050-070	3.9	1.3	• 2	** 1, ******* *************			
(E) 080-100	1.4	• 6	<b>.</b> 1				
110-130	3.1	2.3	• 3				
140-160	5.9	3.3	• 4	•1			
(S) 170-190	2.5	3.1	. 4	• 1	• 1		
200-220	1.4	1.0				· - · - · · - ·	
230-250	1.1	. 4	.1				
(H) 260-230	1.5	. 3	***	.2			
290-310	1 • 1	1.6	3	1		···· ··· ··· ··· ··· ··· ··· ··· ··· ·	,
320-340	3.2	2.5	2.3	• 2			
VARÍABLE		• • • • •	•.••••	•.•.•.			
CALM		77777	///////	7/////	1//////////////////////////////////////	11/////////////////////////////////////	
TOTALS	33.8	22.1	5.7	.9	.1	<del></del>	
			10	TAL NUM	BER OF OBSE	RVATIONS	930
• • • • • • • • • • • • • • • • • • • •			• • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • •	
				·			

F DCCURRENCE SURF HJURLY DBSERVATI	ONS	D DIREC	TION VE	RSUS WIN	ND SPEE	D	<del>-</del>
LA	PERIO MONTH		CORD: RUCH	NUV 78 - S: 00-02		<b>3</b>	
ED IN KNOTS	• • • • • •	• • • • • •	••••	• • • • • •	••••	• • • • • •	
5-27 30-34 35-39	40-49	50-64	GE 65	TOTAL %	MEAN COLL	MEDIAN WIND	
			•••••	7.4	5.7	4.0	
				7.5	4.0	3.0	
				5.9	3.9	3.0	
				2.2	4.1	3.5	
	· · · · · · · · · · · · · · · · · · ·			5.7	4.7	4.0	
				10.2	4.6	4.0	
· · · · · · · · · · · · · · · · · · ·		····		5.2	6.0	5.0	
				2.4	4.5	4.0	
				1.5	4.3	3.0	
				2.2	4.4	3.0	
	The Control of the Co		· · · · · · · · · · · · · · · · · · ·	3.1	6.4	7.0	
				8.2	6.5	6.0	
///////////////////////////////////////	//////	//////	7777777	37.3 100.0	3.2	7////	
SERVATIONS 930							·
		<del></del>			<del></del>		

)

)

P : M ?		FB LA	GLAND A		V VEITA		₹: 747543	SEMUN NOITATE
35-39 40-		PEED IN 25-29		15-19	10-14	5-9	1-4	TOTRECTION (DEGREES)
• • • • • • • • •				. 2	1.2	2.9	4.3	(N) 350-010
				. 2	• 6	3.3	4.0	020-040
					.1	. 4	2.3	050-070
						.6	1.7	(E) 030-100
					. •6	2.0	3.7	110-130
	······································		• 1		. 4	4.0	4.7	140-150
	~			.3	1.0	2.4	3.0	(5) 170-190
					• 2	. 4	1.3	200-220
					.1	. 3	, H	230-250
					.1	.5	1.5	(W) 260-230
			• 1	. 3	. 9	1.2	2.9	290-310
				•1	1.3	2.4	3.7	320-340
	•••••		* * * * * *	• • • • • •	• • • • • •	••••	• • • • • • • • •	VARTABLE
777777777777	777777	777777	1111117	/////	//////	//////	17171111	CALH
	·- · · · · · · · · · · · · · · · · · ·		• 2	1.1	7.0	20.3	34.9	TOTALS
93.0	LLDA2.	335ERV4	BER OF	TAL NU	· · · · •			

# REQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESCRIPTIONS

		30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN Grind	
• • • •	• • • • •		• • • • • •	•••••	• • • • • •	•••••	9.0	5.4	4.0	
					<b>□</b> - 1 * 1		3.2	5.2	5.0	
<del></del>							3.3	3.4	3.0	
							2.4	3.8	4.0	
					k i ve i i	<u>-</u>	6.3	4.7	4.0	
1							9.2	5.0	4.0	<del></del>
							5.7	5.0	5.0	
							1.9	3.9	2.0	
							1.2	4.1	4.0	
				· · · · -			2.2	4.2	3.0	
1							5.4	5.0	4.0	
·	,,				10 <u>.</u>		9.0	6.1	5.5	
• • • •	• • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • •		
<i>    </i>	/////	חווווו	777777	7777777	7777777		36.2	111771	/////	
2				<del></del>	<del></del>		100.0	3.3	4.0	

C - 4 - 112

⊃.: <b>५</b> つ			B LA	A CPAJ		P PETTA TU OT T		₹ <b>:</b> 74754)	TION NUMBE	STA
40-	35-39		25-27		15-19	10-14	5-9	1-4	DIRECTION (DECREES)	
• • • •	• • • • • •	• • • • •	• • • • • •	• • • • •	.3	.3	3.5	3.3	350-010	(N)
						• 5	3.9	4.2	020-040	
							1.3	2.7	050-070	
			* * **			• 1	1.2	2.2	030-100	( = )
						• 2	4.3	3.7	110-130	
	<del></del>				.1	• 5	3.9	5.6	140-160	
	-			•1,	• 3	1.1	1.5	1.5	170-190	(8)
						• 2	• 6	. 9	200-220	
			·			BUILDING BEITE WAYE		• 2	230-250	
						• 1	. 5	2.3	260-290	(4)
						• 9	1.4	3.0	290-310	
					. 2	1.3	3.7	2.3	320-340	
, • • • •	•••••	•••••	• • • • • •	••••	• • • • • •	• • • • • •	• • • • •	• • • • • • • •	VARIABLE	•••
'///	1111111	111111	//////	//////	//////	//////	/////	11111111	CALM	
	<del>, , , , , , , , , , , , , , , , , , , </del>			•1	• 9	5.4	?5.9	32.7	TOTALS	
	930	TONS	BSERVĀŤ	SER OF	TAL NUM	<u>די</u> ד				

## ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AFB LA PERIOD OF RECORD: 1 HOURS			3	
SPEED IN KNOTS 4 25-27 30-34 35-39 40-49 50-64 GE 65	TOTAL	MEĀN T	MATOBM CVIW	
	8.4	5.6	5.0	
	3, 7	5.1	5.0	
	4.5	4.1	4.0	 
	3.4	4.0	3.0	
	В.2	4.9	5.0	
	10.2	5.0	4.0	 
	4.5	7.4	5.5	
	1.7	4.9	4.5	
	<u>• ઇ</u>	5.6	7.0	
	3.0	3.9	3.5	
	5.3	5.1	4.0	
	8.5	6.5	6.0	
······································	32.3	//////		
	100.0	3.5	5.0	
OMSERVATIONS 930				
	• • • • • • •			
		····		 

OPERATING LOC USAFETAC, ASH			PEPC	ENTAGE				ROT SUPFACT RT
STATION NUMBE	रः 747540		V VCITA		IGLANÓ A	(=3) <b>(</b> 1)		∂ , ⟨₹ 4′ %₹
DIRECTION (DECREES)	1-4	5-9	10-14	15-17			N KNOTS 30=34	35-39 45-41
(N) 350-510	3.5	4.0	1.5	. 2	• • • • • •	• • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
020-040	4.1	5.5	. 4					
050-070	3.4	2.4			-			
(E) 030-103	3.4	2.3						
110-130	3.4	5.5	• 8					
140-150	5.6	7 • 7	2.5	•1	1			
(3) 170-190	1.3	2.5	1.5	• 2	• 1			
200-227	• 9	1.3	•6					
230-250	1.1	1.1	, 5					
(4) 250-230	1.5	1.1	• 2					
290-310	2.0	3.3	1.5		•1			
327-347	2.4	4.5	2.3	• 3		-	**	
VARIABLE	• • • • • • • •	••••	•••••			•••••	• • • • • • •	
CALM	////////	/////	///////	//////	///////	//////	///////	///////////////////////////////////////
TOTALS	33.6	42.1	11.9	• 5	• 5		<del></del>	
			ro	TAL NUM	IBER DE	VSERE	4113418	330

0 - 4 - 114

### FREDUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM AUGUSTAVERSEC YOUR MORE

	PEED IN									
- 24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MAICEM CMIN	
• • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	9.4	5.4	5.0	
							10.1	5.4	5.0	
							5.3	4.3	4.0	
							6.2	4.3	4.0	
							9.5	5.6	5.0	
• 1,,,,							17.0	6.1	5.0	
• 1							5.7	7.9	9.0	
							2.9	5.6	5.5	
							2.7	5.3	5.0	
							2 • ₹	4.7	4.0	
• 1					-		7.0	6.7	5.0	
							9.5	7.1	7.0	
•••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		•••••	• • • • • • •	•••••	• • • • • •	
///	//////	///////	[][][]	///////	<i>[[]]</i>	<i>]    </i>	11.2	7/1///	/////	
. 3							199.9	5.3	5.0	

	LA	AND AFE	ME: ENG			₹: 747540	BERLY VOLTATE
		• • • • • •		דט מד	F 2 1	• • • • • • • • • •	
	ED 14 K		15-19	10-14	5-9	1-4	DIRĒČĪION (DEGREES)
		• • • • • •	.1	1.9	4.0	3.3	(N) 350 <b>-</b> 010
		-		• 5	5.1	3.4	020-040
					2.5	3.2	050-070
	Norman and Assess			• 2	1.3	2.3	(E) 080-100
<u> </u>				• 5	4.6	4.4	110-130
			.3_	2.6	5.3	3.4	140-160
		• 3	. 4	2.0	3.4	2.5	S) 170 <b>-</b> 190
				1.3	2.2	1.5	200-220
		· · · · · · · · · · · · · · · · · · ·	.1	• 3	2.4	1.5	230-250
				• 3	• 9	1.7	W) 260-280
			• 3	3.0	3.0	4 • 2	290-310
			.2	1.7	4.8	3.7	320-340
• • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	•••••	••••	• • • • •	• • • • • • • • • • • • • • • • • • •	VARIABLE
77777777777777	77//////	///////	///////	777777	117777	11/11/71	CALM
	· <del></del>	•3	1.4	15.3	40.0	35.7	TOTALS
ATIONS 930	SERVATIO	R DE DE					
	• • • • • • •			• • • • •	• • • • • •	• • • • • • • • •	

.

(

C - 4 - 115

	•
NO SPEED IN KNOTS 0-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN % WIND WIND 9.2 6.1 6.0 9.1 5.6 6.0 5.7 4.3 4.0	•
9-2 6.1 6.0 9.1 5.6 6.0 5.7 4.3 4.0	•
9.2 6.1 5.0 9.1 5.6 6.0 5.7 4.3 4.0	•
9.1     5.6     6.0       5.7     4.3     4.0	
5.7 4.3 4.0	
	<del></del>
4.3 4.3 3.5	
9.6 5.0 5.0	
12.2 6.7 6.0	
8.9 7.8 7.5	
5.5 6.9 3.0	
4.7 6.4 5.0	
2.9 4.7 4.0	<del></del>
10.5 6.7 7.0	
10.6 6.3 6.0	

C - 4 - 115

	NCY OF DECURRENCE FROM HOURLY OR		ENTAGE	FERU			RATING LOC FETAC, ASH	
h N	AFB LA	GLAND A		V VCITA		₹: 747543	TION NUMBER	STAT
	SPEED IN KNOTS	WIND S	• • • • • •			• • • • • • • •	• • • • • • • •	• • • •
	25-29 30-34		15-19	10-14	5-9	1-4	DIRECTION (DEGREES)	
• • • • • • • • • • • • • • • • • • • •		• • • • • • •	.2	1.4	3.4	4 . 3	350-010	(N)
				•6	5.9	5.3	020-040	
				.1	2.7	2.4	250-070	
					1.3	2.9	0,80-100	(E)
	· · · · · · · · · · · · · · · · · · ·	.1		• 1	2.5	5.2	110-130	
				1.7	3.7	4.7	140-160	
		.1	• 2	1.9	3.3	4.5	170-190	<b>(S)</b>
			.1	1.2	2.3	3.3	200-220	
			.1		1.1	2.2	230-250	
				. 1	1.2	1.3	260-230	(H)
			. 3	2.3	3.4	2.9	290-310	
			. 2	2.0	4.1	3.7	320+340	
	• • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •			VARTABLE	• • • •
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7777777	///////	7717711	//////	77777777	CÄLĦ	
<del></del>		•2	1.1	11.4	34.9		TITALS	
0.10	DRSERVATIONS							
, 929	CA2EKANIIOM2	IREX OF	IAL NUM	11. • • • • • • • • • • • • • •		• • • • • • • •	• • • • • • • • • •	• • • •

C - 4 - 115

AFB LA	PERIOD OF RECORD: NOV 7		8	8	
	MONTH: DEC HOURS: 15	17	• •	• • • • • •	
SPEED IN KNOTS 25-29 30-34	35-39 40-49 50-64 GE 65 TOTA	L MEA		MEDIAN WIND	
	9.0	• • • • •	••	5.0	
	11.6			5.0	
	5	4.	9	5.0	
	4.	3.	8	3.0	
	7.5	3 4.	5	4.0	
	10.	5.	6	5.0	
	10.3	6.	3	5.0	
	5.	5.	8	5.0	
	3	3 4.	5	4.0	
	2.0	4.	7	4.5	
	8.1	7.	0	7.0	
	10.0	6.	2	6.0	
	9.	7777	••	• • • • •	
	100.	5.	σ	5.0	
CASERVATIONS	930				

STATION NUMBER	₹: 747540		V VELTA		IGLAND /	AFB LA				
• • • • • • • • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • •	WIND	SPEED 1	TN K	ZION	•••••	• •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19				7-34	35-39	4
(N) 350-010	4.3	3.0	1.4	.2				• • • • •		
020-040	5.6	4.2	• 9							
050-070	5.1	1.4	• 2							
(E) 080-100	2.2	1.8	• 2			<u></u>				
110-130	3.8	1.3	4	= =						
140-160	9.9	2.5	1.1	• 2						
(5) 170-190	4.5	3.5		• 3						
200-220	1.4								-	-
230-250	• 2	. 3						·· <del>-</del> · · ·		
(A) 260-280	1.5	. 3								-
290-310	2.0	1.7	• 9			• 1	<u> </u>			
320-340	2.8	1.9	1.4							
VARIABLE	• • • • • • • •	•••••	•••••			• • • • • •	• • • •	<u></u>	• • • • • •	•
CALM	7///////		7777777	717777	<i>[[]]</i>	//////	1111	11111	//////	77,
TOTALS	43.9	23.2	7.3	8		•)				
TOTALO	1000	2742	• • -	•			1		930	

(:

C - 4 - 117

4						NOV 78 -		8	
	• • • • •		MONTH	: DEC	HOUR	S: 19-20	)		<del></del>
19 K) 29 3:		35-39	40-49	50-64	GE 65	TOTAL	MEAN wIND	MEDIAN WIND	
• • • • •	• • • • • 	• • • • • • •	•••••	• • • • • •		9.5	5.2	4.0	
						11.5	4.7	4.0	
						6.7	3.7	3.0	····
						4.2	4.2	4.0	
						5.5	4.3	3.0	
						12.7	4.3	3.0	
						9.1	5.5	5.0	
						2.2	4.1	3.0	<del></del>
· · · · · · · · · · · · · · · · · · ·		·····				• 5	4.2	5.0	
						2.3	3.8	3.0	
•1						4.8	5.4	5.0	
·						6.1	6.1	6.0	
	/////	//////	///////	//////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	24.8	3.6	///// 4.0	
RVATI	)NS	930	• • • • • •	• • • • • •		• • • • • •	•••••	•••••	

OPERATING LOCAL USAFETAC, ASHE			PERCE	NTAGE	FREQUENCY OF FROM H	DCCUPRENCE DURLY D&SER	
STATION NUMBER	: 747543		AN NCITA		GLAND AFB LA		15 F Q TNCM
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEED 1 20-24 25-29		-39 40-49
(N) 350-010	3.0	2.9	1.4				
020-040	5.5	3.5	B				
050-070	4.2	1.9	.1				
(F) 080-100	2.2	• .6	• 3				
110-130	3.3	2.3	3	. 1			
140-160	7.4	3.7	1.1			·	
(S) 170-190	4.2	2.7	• 9		and the second of the second o		
200-220	1.5	. 9	1		·		
230-250	1.2	. 3					
(4) 260-230	1.5	. 2	* -				
290-310	1.4	1.3	• 9	• 2	.1		=
320-340	2.5	3.7	1.5				
VARIABLE CALM	,,,,,,,,,,	·····				··········	
TOTALS	33.0	24.0	7.4	• 3	•1		
• • • • • • • • • • • • •	• • • • • • •	••••			SER OF OBSERV		
- ,							
	<del></del>				····		<del></del>

C - 4 - 118

. . .

(

(

EQUENCY OF OCCURRENCE ! FROM HOURLY OBSER!	VATIONS				
AND AFB LA	PERIOD OF R DEC: HTMOM		NOV 78 - 5: 21-23		33
IND SPEED IN KNOTS 0-24 25-29 30-34 35-	-39 40-47 50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	7.3	5.3	5.5
, commented to the second seco	ev i a decembra delegación de que un aparech ver i mandado. Mana establistica de		9.9	4.7	4.0
e de la companya del companya de la companya de la companya del companya de la companya del la companya de la c			6.2	3.9	4.0
			3.1	4.2	3.0
			6.0	4.8	4.0
			12.2	4.5	4.0
			7.7	5.1	4.0
			2.5	4.0	4.0
and the state of t			1.5	3.9	3.5
· · · · · · · · · · · · · · · · · · ·			1.7	2.9	2.5
			3.9		5.5
• 1				7.0	
	• • • • • • • • • • • • • • • •		7.6	6.3	6.0
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		30-3	17117	//////
			100.0	3.5	4.0
•1			100.0	J•J	<b>4.</b> 0
R OF OBSERVATIONS 930	0		• • • • • • • •		

C - 4 - 118

.

STATION NUMBER	₹: 747540		AR REITA		GLAND AFR LA		<u>-</u>	PERIO
	• • • • • • • • •	• • • • • •		• • • • • •	UND 60550	* * * * * * * * * * * * * * * * * * *	• • • • • •	
DIRECTION	1-4	5-9			WIND SPEED 20-24 25-2	30-34	35-39	40-49
(DEGREES)								
(N) 350-313	4.0	3.2	1.4	• 2	<u></u>			
020-040	4.7	4.2	• 5	• 3				
050-070	3.5	1.9	.1					
(E) 030-100	2.3	1.3	• 1					-
110-130	3.8	3.1	.4	•0	• 0			
140-150	5.9	4.4	1.3	.1	•0			
(S) 175-190	3.0	2.3	1.2	• 2	• 1			
200-220	1.5	1.2	.5	• 0				
237-250	1.0	• 8	• 2	с.				
(4) 260-230	T.5	.7	ī.	• 5				
290-310	2.4	2.1	1.3	• 2	•0	0		
320-340	3.1	3.5	1.9	• 2		·		
VARIABLE								• • • • • •
CALM	11111111	/////	///////	111111	(11111111111	/////////	///////	/////
TOTALS	35.8	29.2	9.1		. 1			
			TOT	'AL NUME	BER OF OBSER	ZACITAV	7440	
• • • • • • • • • • •		• • • • • •	• • • • • • •	• • • • • •			• • • • • •	• • • • •
							······································	
	· · · · · · · · · · · · · · · · · · ·				· - · · · · · · · · · · · · · · · · · ·			

C - 4 - 119

AFB LA	PERIOD OF RECORD: NOV 78 - OCT 88	
	MONTH: DEC HOURS: ALL	
SPEED IN KNOTS		
	35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN	
	S HIND HIND	
	8.8 5.7 5.0	
/ 50.00 _ 1.0 _ 1 = 50.00	9.5 5.0 5.0	
	5.4 4.1 4.0	
	3.7 4.1 4.0	
	7.4 4.8 4.0	
	11.7 5.3 4.0	
	7.4 3.4 5.0	- · -
	3.2 5.5 5.0	
	2.0 5.3 4.5	
	2.4 4.2 3.5	
• 5	5.1 6.5 6.0	
	8.6 6.4 6.9	
• • • • • • • • • • • • • •	*************	-
///////////////////////////////////////	///////////////////////////////////////	
	100.0 4.1 5.0	
TBSERVATIONS 7	***************************************	

STA	BMUK MOTT	52: 747540		N NCITA		GLAND	AFB L	. Λ		1	3 E M (1)
•••	• • • • • • •			• • • • • •	• • • • • •	• • • • •	• • • • •		• • • •	••••	• • • • •
CAT	EGORY A:	CETLING 34			AND/OR						
		VISIBILITY	' GE 1	/2 MILE	(0800					N 3 MI	LES (4
•••	DIRECTION	1-4	n-9	10-14	15 <b>-</b> 19		SPEEC	IN	KNOTS		9 49 <b>-</b>
• • •	(DEGREES)	• • • • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • •	• • • • •	• • • •	• • • •	• • • • • •	• • • • •
• • •		*********	• • • • •	•••••	• • • • • •	• • • • •	• • • • •	• • • •	• • • • •	• • • • •	• • • • •
(N)	350-010	5 • 2	4.5	1.4	• 1						
	020-040	5.4	4.5	1.1	• 1						
	050-070	3.5	2.5	.1	proposition to the comment		~~~				
(E)	030-100	1.7	1.3	• 6							
	110-130	3.7	3.8	1.3		-					
	140-150	4 • 2	5.4	1.6	. 3		l				
(5)	170-130	3.0	3.5	. 4	• 2					-,	
	200-220	1.3	. 6	.3							
	230-250	• 5	. 5	•1	.1						
( H )	260-280	• 9	• 2	• 2				<u>-</u>		<u> </u>	
	290-310	1.3	2.9	2.3	. 1						
	320-340	3.1	5.9	3.7	. 1	<del></del>			· · · · · · · · · · · · · · · · · · ·		
• • • •	VARIABLE	• • • • • • • • • • • • • • • • • • • •	• • • • •	. • • • • • • • •		• • • • •	· <u>· · · · · · · · · · · · · · · · · · </u>	••••	••••		••••
	CALM	11111111	7////	1111111	///////	/////	/////	1111	/////	777777	77777
	TOTALS	34.5	37.B	13.1	1.0	•			· · · · · · · · · · · · · · · · · · ·		

• Programme Services

TOD OF RECURD: NOV 79 - JCT 86 TH: DEC HOURS: ALL  MILE (0800 METERS).  DO METERS) WITH CEILING GE 200 FEET.  2 50-64 GE 65 TOTAL MEAN MEDIAN  2 WIND WIND  11.4 5.5 5.0  11.9 5.0 5.0  6.4 4.4 4.0  3.5 5.3 5.0  8.8 5.7 5.0  12.6 6.4 6.0  7.1 5.7 5.0  2.2 4.8 4.0  1.3 5.9 5.0  1.3 4.5 2.0	IAN NO O
MILE (0800 METERS).  DO METERS) WITH CEILING GE 200 FEET.  2 50-64 GE 65 TOTAL MEAN MEDIAN  2 WIND WIND  11.4 5.5 5.0  11.0 5.0 5.0  6.4 4.4 4.0  3.5 5.3 5.0  8.8 5.7 5.0  12.6 0.4 6.0  7.1 5.7 5.0  2.2 4.8 4.0  1.3 5.9 5.0	IAN NO O
2 SO-64 GE 65 TOTAL MEAN MEDIAN  2 WIND WIND  11.4 5.5 5.0  11.0 5.0 5.0  6.4 4.4 4.0  3.5 5.3 5.0  8.8 5.7 5.0  12.6 6.4 6.0  7.1 5.7 5.0  2.2 4.8 4.0  1.3 5.9 5.0	IAN NO O
9 50-64 SE 65 TOTAL MEAN MEDIAN  2 WIND WIND  11.4 5.5 5.0  11.0 5.0 5.0  6.4 4.4 4.0  3.5 5.3 5.0  8.8 5.7 5.0  12.6 6.4 6.0  7.1 5.7 5.0  2.2 4.8 4.0  1.3 5.9 5.0	IAN NO O
### ### ### ### ### ### ### ### ### ##	 .0
### ### ### ### ### ### ### ### ### ##	 .0
11.4 5.5 5.0  11.0 5.0 5.0  6.4 4.4 4.0  3.5 5.3 5.0  8.8 5.7 5.0  12.6 0.4 6.0  7.1 5.7 5.0  2.2 4.8 4.0  1.3 5.9 5.0	.0
11.4 5.5 5.0  11.0 5.0 5.0  6.4 4.4 4.0  3.5 5.3 5.0  8.8 5.7 5.0  12.6 0.4 6.0  7.1 5.7 5.0  2.2 4.8 4.0  1.3 5.9 5.0	•0
11.0 5.0 5.0 6.4 4.4 4.0 3.5 5.3 5.0 8.8 5.7 5.0 12.6 0.4 6.0 7.1 5.7 5.0 2.2 4.8 4.0 1.3 5.9 5.0	•0
6.4 4.4 4.0  3.5 5.3 5.0  8.8 5.7 5.0  12.6 0.4 6.0  7.1 5.7 5.0  2.2 4.8 4.0  1.3 5.9 5.0	
3.5 5.3 5.0 8.8 5.7 5.0 12.6 0.4 6.0 7.1 5.7 5.0 2.2 4.8 4.0 1.3 5.9 5.0	.0
8.8 5.7 5.0  12.6 0.4 6.0  7.1 5.7 5.0  2.2 4.8 4.0  1.3 5.9 5.0	
12.6 b.4 6.0  7.1 5.7 5.0  2.2 4.8 4.0  1.3 5.9 5.0	.0
12.6 b.4 6.0  7.1 5.7 5.0  2.2 4.8 4.0  1.3 5.9 5.0	• 0
7.1 5.7 5.0 2.2 4.8 4.0 1.3 5.9 5.0	······································
2.2 4.5 4.0 1.3 5.9 5.0	
1.3 5.9 5.0	.0
	. 3
1.3 4.5 2.0	.0
	• 0
7.0 7.4 7.0	• 0
13.9 7.1 6.0	2
7.0	4.5 ?.

	RATING LOCAT			δέώC	ENTAGE				ICE SURE	ACE ATHUR UNS
 STA	TION भएलकहरा	74754)		V VCITA TU CT T		GLAND A	FB LA			२५४ <b>।</b> अटेशानः
	OIRECTION	1-4	5-9	10-14		20-24	PEED [4 25-2]	30-34	33-34	49-49
	(त्हुद्दर्ग )					-		-		
(11)	350-010	3.1	2.4	. 7	.1	.0	.0	• • • • • •	• • • • • • •	• • • • • • • •
	020-040	3.7	2.6	• 5	.0	• 3	.0			
	353 <del>-</del> 070	3.3	1.7	• 2	ō.	5				
(E)	030-100	2.5	1.3	• 1	• 0					
	110-130	3.6	2.3	• 4	٠٥	٠.٥	. )			
	140-150	5.7	3.5		•1	5		~		
(3)	170-199	5.3	3.1	• 9	• 1	• 0				
	200-220	3.0	1.7	• 4	• C	. O				
	237-257	2.2	• 9-		• 2		• 3			
( 4 )	260-230	2.1	• 8	• 2	.0	• 0	•0			
	290-310	2.4	1.5	• 7	• 1	• )	•)			
	320-340	7.9	2.4	1.1	• I	.0				
•••,	VARIABLE	1	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••		•••••	• • • • • • • • •
	CALM	11/1/1/	/////	//////	//////	//////	//////	//////	///////	///////////////////////////////////////
	TOTALS	39.9	24.2	5.2	•5					
				<b>រ</b> ប	TAL NUM	BER OF	JBSESVA.	:SMCI	5 <b>7</b> 665	
• • •	• • • • • • • • • •	• • • • • • •			• • • • • •	• • • • • •				

LA	PERIOD OF RECORD: MONTH: ALL HOUR	NOV 75 S: ALL	- DCT 8	3		
50 [4 K 5-2) 3	NOTS 0-34 35-39 40-49 50-64 GE 65		MEAN	MEDIAN		
	••••••••••••	6.4		5.0		
.3	<u> </u>	6.3		4.0		
		5.2	4.2	4.0		
		4.0	4.1	4.0		
. )		6.3	4.6	4.0		
		10.1	4.3	4.0		
		9.2	4.9	4.0		
	•	5.1	4.5	4.0		
• ,		3.3	4.1	4.0		
•0		3.1	4.3	3.0		
• )		6.4	5.7	4.0		
		6.5	5.9	5.7	<u></u>	
	•••••••		• • • • • •	• • • • • •		
///////		29.2		//////		
		100.0	3.4	4.0		
SERVATIO	JNS: 87665					

N NOTTATE	J43E3	: 747540		P NEITA		GLAND A	FB LA		
•••••			• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
CATEGORY A					AND/OR	1			
	٧	ISIBILIT	Y GE 1	/2 MILE	(0800	METERS)	BUT LE	SS THA:	V 3 MILE
DIRECTI	ויב	1-4	5 <b>-</b> 9	10-14	15-19		PEED IN 25-27		35-39
(DEGREE	: :S)	• • • • • • •	• • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •
(N) 350-01		3.7	5.0	1.5	. 2	.0	.0	• • • • • •	• • • • • •
020-04	•0_	4.2	3.9	1.0	• 1	. 1	.0		
050-01	70	3.2	2.2	• 3	•0	• 0			
(E) 080-10	))	2.5	1.5	. 3	• 0				
110-13	30	4.0	3.5	. • 3	• 1				
140-16	50	5.5	5.4	1.3	• 1	• 0			
(\$) 170-19	<b>)</b> 0	4.3	2.4	. 5	•1				
200-22	20,	2.0	1.1	• 3	0				
230-25	50	1.1	•6	•1	•0				
(W) 260-28	50		• 5				• )		
290-31	. 0	1.8	1.7		•1		·· - <del></del> ·	·····	
320-34	0	2.6	4.6	2.0	• 2	• 0			
VARIĀBL	.Ē	••••••	• • • • •	•	<u>• • • • • • • • • • • • • • • • • • • </u>	• • • • • •		• • • • • •	• • • • • • •
CALM		////////	/////	//////	//////	7777777	777777	1777777	,,,,,,,,
TOTALS	<del></del>	35.3	32.5	9.4	1.0				<del></del>

A Company of the Company of the Company

3 LA	PERIOD OF RECORD: NOV 78 - DCT 88 MONTH: ALL HOURS: ALL	
	* * * * * * * * * * * * * * * * * * * *	
T AITH VISIBIL	ITY GE 1/2 MILE (0800 METERS).	
	MILES (4900 METERS) WITH CEILING GE 200 FEET.	
ED IN KNOTS	35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN	
	GNIM GNIK %	
• 0	10.5 5.3 6.0	
• 0	9.2 5.5 5.0	
	5.7 4.7 4.0	
	4.5 4.6 4.0	
	5.5 5.3 5.0	
	13.3 5.3 5.0	
	7.4 4.8 4.0	
	3.5 4.6 4.0	
	1.8 4.6 4.0	
. າ	1.6 . 5.7 4.0	
	4.5 6.5 6.0	
	9.4 6.9 7.0	
-		
///////////////////////////////////////	777777777777777777777777777777777777777	
	100.0 4.4 5.0	
SERVATIONS: 10	0694	

C - 4 - 122

ςμαρορο	ΔΔΑ	AAA	RRRRR	रहरद	TITITITI
qceqqqqqq	AAAA	AAAA	RKKR	रहरदर	TITITITI
po pp	ΔA	AA	RR	RP	11
ap pn	AA	AA	२२	२३	11
αφαρασίας	AA	AA	Reper	रहरूदर	TT
pppppppp	AAAAA	AAAAA	<b>२२</b> २२	ररहर	TT
၉၃	ΔΔΔΔΔ	ΑΔΑΔΑ	RR	RR	ŤŤ
99	AA	AA	२२	२२	ŢŢ
၁၀	AΑ	ДД	२२	RR	77
ρņ	AA	AA	१२	हर	TT

and the second s

0 - 1 - 1

	<del></del>		
		<del></del>	
RRRRRRRR	TTTTTTTTT	0000000	
	TITITITI	0000000	
RAKRERZER		COCOCCC	
RR RR	TT	00 00	
२२ ९१	ŢŢ	00 00	
RERERERE	TT	00 00	
<b>२२</b> २२४११२	TT	00 00	
RR RR	TT	00 00	
33	TT	00 00	
44 44			
रर <u>र</u> र			
दर हर	TT	סססססססס	
		סססססססס	
दर हर	TT	000000000	····
दर हर	TT	סססססססס	
द्रद हर	TT	סססססססס	
द्रद हर	TT	סססססססס	
द्रद हर	TT	סססססססס	
द्रद हर	TT	סססססססס	
द्रद हर	TT	סססססססס	
द्रद हर	TT	סססססססס	
द्रद हर	TT	סססססססס	
द्रद हर	TT	00000000	
द्रद हर	TT	00000000	
दर हर	TT	00000000	
द्रद हर	TT	00000000	
द्रद हर	TT	00000000	
द्रद हर	TT	00000000	
दर हर	TT	00000000	
दर हर	TT	00000000	
द्रद हर	TT	00000000	
रह हर	TT	00000000	
रह हर	TT	00000000	
द्रद हर	TT	00000000	
द्रद हर	TT	00000000	
द्रद हर	TT	00000000	
द्रद हर	TT	00000000	
द्रद हर	TT	00000000	
द्रद हर	TT	00000000	
रह हर	TT	00000000	
रह हर	TT	00000000	
रह हर	TT	00000000	
<u>२२</u> १२ १२ <u>२</u> २	TT TT	00000000	
<u>२२</u> १२ १२ <u>२</u> २	TT TT	00000000	
रह हर	TT TT	00000000	
\$2     \$2       \$2     \$2	TT TT	00000000	
<u>२२</u> १२ १२ <u>२</u> २	TT TT	00000000	
<u>२२</u> १२ १२ <u>२</u> २	TT TT	00000000	
२२ १२ १२ २२	TT TT	00000000	
<u>२२</u>	TT TT	00000000	
<u>२२</u>	TT TT	00000000	
<u>२२</u> १२ १२ <u>२</u> २	TT TT	00000000	
<u>२२</u>	TT TT	00000000	

. . .

#### PART D

#### CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

- CEILING VS VISIBILITY--PERCENT DECURRENCE FREQUENCY (POF).

  CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION

  OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-
  "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES

  (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE

  TABLES SUMMARIZE THE DATA AS FOLLOWS:
  - BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
  - BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
  - BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (PDF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

- MILES OR 9000 METERS. VALUES EXCREDING 9000 METERS ARE REPORTED AS "9999."
- NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER
  THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.
- CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.

  FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.
- SKY COVER--PERCENT OCCURRENCE FREQUENCY.

  ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE

  OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT

  AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURRED, OR TOTALLY

  OBSCURRED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES

  POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6710). DATA IS SUMMARIZED THE

  SAME AS FOR PREVIOUS TABLE.
- 1) IT IT THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:
0/8CLEAR
1/8 THRU 4/8SCATTERED
5/8 THRU 7/8
8/8VERCAST
NOTE 3. "PARTIAL DBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS," HOWEVER, ARE INCLUDED.
HINCEVEN, ARE INCCUDED.
,
0 - 1 - 3

. . . .

• • • • • • • • •

• •

 $(x,y) = (\mathbf{e}_{x},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf{e}_{y},\mathbf$ 

S		GF 7 44.4 (1) 47.1 (1) 47.1	747540  GF 6  47.2  50.0 50.0	STA LST GE 5	GE 4	: + 6		3 LA	STATUTE  GE 1 1/2	• • • • • • •	р М
6 N S G G	EILING IN FEET ID CEIL SE 22000 E 13000 E 16007 SE 14000	GF 7 44.4 ) 47.1 ) 47.1	GF 6 47.2	GE 5	GE 4	GE 3	VISIBILI GE	ITY IN	STATUTE GE	MILES	M
• N G G G	EILING IN FEET IO CEIL SE 22000 E 13000 E 16007 SE 14000	GF 7 44.4 ) 47.1 ) 47.1 ) 47.1	47.2 50.0	GE 5	GE 4	GE 3	VISIBILI GE	GE GE	STATUTE GE	MILES	
• S G G G	IN FEET ID CEIL SE 22000 SE 13000 SE 16007 SE 14000	7 44.4 0 47.1 0 47.1 0 47.1	47.2 50.0	5 ••••••	4	GE 3	GE	GE	GE	GE	
• N G G G	FEET 	7 44.4 0 47.1 0 47.1 0 47.1	47.2 50.0	5 ••••••	4	3					`
• N G G G	0 CEIL E 2000 E 13000 E 16000 E 14000	44.4 3 47.1 3 47.1 47.1	47.2	49.1	• • • • • •	•••••	•••••	,	•••••		<u> </u>
5 5 5 6	E 2000 E 13000 E 16000 E 14000	47.1 47.1 47.1	50.0		49.9	50.5					• •
<u> </u>	E 13000 E 16000 E 14000	47.1 47.1		52.4			50.8	51.0	51.1	51.1	
ς G	E 16000 E 14000	47.1	50.0		53.1	53.8	54.1	54.3	54.4	54.4	
G	E 14000			52.4	53.1	53.8	54.1	54.3	54.4	54.4	
			50.0	52.4	53.1	53.8	54.1	54.3	54.4	54.4	
1 •	と エとりいい		50.1	52.5	53.2	53.9	54.2	54.4	54.5	54.5	
			50.9	53.2	54.0	54.6	54.9	55.2	55.3	55.3	
	E 10000		52.5	54.9	56.0	56.7	57.0	57.2	57.3	57.3	
	£ 9000		53.3	55.8	56.9	57.5	57.8	53.1	58.2	58.2	
	E 8000			59.5	59.6	60.2	60.5	60.3	50.9	60.9	
	E 7000		55.5	58.9	60.0	60.6	61.0	61.2	61.3	51.3	
t.	E 6000	53.5	5 <b>7.</b> 0	59.5	60.5	61.2	61.5	61.7	51.8	61.3	
	E 5000		58.4	50.9	51.9	62.6	52.9	63.1	53.2	53.2	
	E 4000		59.1 53.2	61.6 55.9	67.3	63.3	53.7 58.4	63.9	54.0	54.0 53.7	
	E 3500		53.2 54.1	67.0	68.2	69.0	58• <del>4</del> 69•6	63.5 69.3	58.7 59.9	53.7 69.9	
	E 3000		55.1	58.6	69.8	70.6	71.2	71.4	71.5	71.5	
	£ 2500		55.9	70.8	72.0	72.9	73.4	73.7	73.8	73.8	
	E 2000		58.1	72.3	74.1	74.9	75.5	75.7	75.8	75.3	
	F 1900		59.6	73.8	75.7	76.6	77.1	77.3	77.4	77.4	
	E 1500		71.7	76.0 77.5	78.1 79.8	78.9 80.8	79.6 81.5	79.8	30.0 81.9	90.0 81.9	
	E 1000		74.1	79.5	82.2	83.4		94.5	94.7	34.7	
	E 900	68.0	74.8		83.0			86.0	96.2		
	5 800		75.5	31.7	34.7	87.3	38.2	88.5	33.3	38.8	
	E 700		76.1	82.6	86.5	99.4	90.4	90.9	91.1	91.1	
v	E 600	68.7	76.2	82.7	86.7	89.,9	91.0	91.6	91.9	91.9	
	E 500		76.2	92.9	87.1	90.6	92.5	93.7	94.5	94.5	
	<u> </u>		76.2	93.0	37.3	91.3	93.1	94.8	95.0	96.0	
	E 300		76.2	83.1	87.4	91.7	93.5	95.3	96.5	96.6	
	E 200		76.2 76.2	83.1 83.1	87.4 87.4	91.7 91.7	93.5 93.5	95.4	96.7 96.7	96.8 96.8	
	E 000		76.2	83.1	87.4	91.7	93.5	95.4	96.7		

0 - 2 - 1

Object was approximately a constraint of the Constrai

### FROM HOURLY DESERVATIONS

ENGLAND AFB LA

5	LA VU 4/B				MONTH:		HOURS:		<b>501</b> 55		
• •		TV TN	STATUTE	MTIEC		• • • • • •	• • • • • •	• • • • • •		• • • • • •	
	GE	GE	GE	GE	GE	GE	GŁ	GE	GE	GE	GE
	2 1/2	2	1 1/2	1 1/4	ì	3/4	5/3	1/2	3/8	1/4	0
• •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
5	50.8	51.0	51.1	51.1	51.3	51.4	51.4	51.7	51.7	51.8	51.9
g .	54.1	54.3	54.4	54.4	54.6	54.7	54.7	55.1	55.1	55.2	55.3
ક	54.1	54.3	54.4	54.4	54.6	54.7	54.7	55.1	55.1	55.2	55.3
4	54.1	54.3	54.4	54.4	54.6	54.7	54.7	55.1	55.1	55.2	55.3
9	54.2	54.4	54.5	54.5	54.7	54.8	54.8	55.2	55.2	55.3	55.4
5	54.9	55.2	55.3	55.3	55.5	55.6	55.6	55.9	55.9	56.0	56.1
7	57.0	57.2	57.3	57.3	57.5	57.6	57.6	58.0	58.0	58.1	58.2
5	57.8	53.1	58.2	58.2	58.4	58.5	58.5	58.3	58.8	58.9	59.0
2	50.5	60.3	60.9	60.9	61.1	61.2	61.2	61.5	61.5	61.6	61.7
5	51.0	61.2	61.3	61.3	61.5	61.6	61.6	61.9	61.9	62.0	62.2
2	61.5	61.7	61.8	61.8	62.0	52.2	62.2	62.5	62.5	52.6	52.7
5	52.9	63.1	63.2	63.2	53.4	63.5	63.5	53.9	53.9	54.0	64.1
3	53.7	63.9	54.0	54.0	54.2	64.3	64.3	64.6	64.6	64.7	64.8
3	58.4	63.6	68.7	63.7	53.9	59.0	69.0	69.4	69.4	59.5	69.5
) .	69.6	69.3	69.9	67.9	70.1	70.2	70.2	70.5	70.5	70.6	70.8
5	71.2	71.4	71.5	71.5	71.7	71.8	71.8	72.2	72.2	72.3	72.4
9	73.4	73.7	73.8	73.8	74.0	74.1	74.1	74.4	74.4	74.5	74.6
<del>)</del>	75.5	75.7	75.8	75.8	76.0	75.1	76.1	76.5	76.5	76.5	75.7
5	77.1	77.3	77.4	77.4	77.5	77.7	77.7	78.1	78.1	73.2	78.3
9	79.6	79.3	30.0	80.0	80.2	80.3	80.4	80.8	80.9	80.9	31.0
3	81.5	41.7	81.9	81.9	82.3	82.4	82.5	82.8	82.9	82.9	83.0
•	84.3	34.5	94.7	34.7	85.1	85.2	85.3	85.6	85.6	85.7	85.3
7	85.6	86.0	36.2	36.2	36.5	85.7	86.8	87.1	87.1	87.2	87.3
•	38.2	88.5	33.8	38.8	89.1	89.2	89.4	89.7	89.7	89.8	89.9
4	90.4	90.9	91.1	91.1	91.4	91.5	91.6	91.9	91.9	92.0	92.2
9	91.0	91.6	91.9	91.9	92.3	92.4	92.5	92.8	92.3	92.9	93.0
<b>5</b>	92.5	93.7	94.5	94.5	95.1	95.2	95.3	95.6	95.6	95.7	95.8
3	93.1	94.8	96.0	96.0	76.6	96.7	95.8	97.1	97.1	97.2	97.3
7	93.5	95.3	96.5	96.6	97.1	97.4	97.5	98.0	99.1	98.2	98.3
7	93.5	95.4	96.7	96.8	97.4	97.7	97.8	98.6	98.7	98.9	99.1
7	93.5	95.4	96.7	96.8	97.4	97.7	97.8	98.6	98.9	99.5	100.0
7	93.5	95.4	96.7	96.3	97.4	97.7	97.8	98.6	98.9	99.5	100.0
• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • •	• • • • •

PERIOD OF RECORD: NOV 78 - OCT 88

			IDN "A"				NTAGE FR		HOURLY		
STA	ATION N	UMBER:	747540		AN NCIT		LAND AFB	LA			PERTI
	LING	••••			• • • • • •		VISIBILI			-	
	V	σ <u>Ē</u>	GE	GE	GE	GE	GE	3E	GE	GE	GE
	ET	7	<u> </u>	5	4	3	2 1/2	2	1 1/2	1 1/4	1
СИ	CEIL	37.0	41.0	42.9	44.3	45.8	46.0	45.5	46.7	46.7	47.
ĞĒ	20000	39.1	43.3	45.4	47.3	48.6	48.8	49.4	49.6	49.5	50.
	18000	39.2	43.4	45.5	47.1	43.7	48.9	49.5	49.7	49.7	50.
	16000	39.2	43.4	45.5	47.1	48.7	48.9	49.5	49.7	49.7	50.
	14000	39.4	43.5	45.6	47.2	48.8	49.0	49.6	49.3	49.3	50.
	12000	39.9	44.1	46.1	47.7	49.4	49.6	50.1	50.3	50.3	50.
GE	10000	41.5	45.8	47.8	50.0	51.6	51.3	52.5	52.7	52.7	
GE	9000	41.3	45.0	43.1	50.2	51.8	52.0	52.7	52.9	52.9	53.
ĢĒ	3000	44.5	48.8	50.7	53.2	54.8	55.1	55.7	55.9	55.9	55.
GΕ	7000	45.2	49.6	51.7	54.1	55.7	55.9	56.5	56.3	56.3	57.
GE	5000	45.3	49.7	51.3	54.2	55.8	56.0	55.7	56.9	56.9	57.
ĞË	5000	46.5	51.0	53.2	55.6	57.2	57.4	53.1	53.3	58.3	55.
GΞ	4500	47.4	51.9	54.2	56.6	58.2	58.4	59.0	59.2	59.2	59.
GĒ	4000	50.5	55.5	53.5	51.2	63.0	63.2	54.0	54.2	54.2	54.
GΕ	3500	51.1	56.2	59.2	61.9	63.8	64.0	64.7	64.9	64.9	65.
GE	3000	51.2	55.3	50.0	62.8	64.5	64.8	65.6	55.8	55.8	56.
GE	2500	52.5	57.8	61.6	54.4	65.2	55.5	67.3	67.5	67.5	55.
GΕ	2000	54.6	60.2	64.2	67.3	69.1	69.4	70.2	70.4	70.4	71.
GE	1300	54.7	50.5	64.5	67.3	69.7	69.9	70.8	71.0	71.3	71.
GΕ	1500	57.4	63.4	67.6	71.3	73.3	73.5	74.4	74.5	74.6	75.
ĞĒ	1200	59.4	<b>55.</b> 8	70.1	74.6	75.3	77.3	77.9	78.1	73.1	<b>7</b> 5.
ĞΕ	1000	59.3	65.6	71.9	76.5	73.6	78.3	79. उ	30.0	30.0	80.
GE	900	60.2	57.2	72.5	77.2	79.5	79.7	80.6	30.9	83.9	81.
GE	800	50.5	58.1	74.5	79.3	82.7	52.9	33.9	84.1	34.1	54.
GE	700	61.3	59.0	75.8	81.5	85.1	85.3	86.2	86.5	86.5	87.
ĞΞ	600	61.3	59.0	75.8	31.5	85.4	35.7	87.3	97.7	37.3	38.
GE	500	61.3	59.0	75.8	91.6	85.5	87.4	89.7	90.4	90.5	91.
GE	400	61.3	59.0	75.8	81.7	95.8	87.7	90.5	91.9	92.0	93.
GE.	300	61.3	59.0	7 ,3	81.7	87.1	88.2	91.2	92.9	93.0	94.
GE.	100 200	61.3	59.0 59.0	75.8 75.8	81.7	97.1 87.1	88.2	91.4	93.2 93.3	$\frac{93.3}{93.4}$	94.
					- •					93.4	
SE	000	01.3	69.0	75・8	81.7	87.1	85.2	91.4	43.3	73.4	42.

TOTAL NUMBER OF OBSERVATIONS 930

## AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ND AFE	В ГА			PERIOD	OF REC	ORD: N	OV 78 -	OCT 88	<del></del>		
	. <u> </u>			MONTH:		HOURS:					
		•••••						• • • • • •		•••••	
		STATUTE									
GĒ	35	GE	GE	GE	GE	GE	GE	GE	GE	GE	
2 1/2	2	1 1/2	1 1/4	11	3/4	5/d_	1/2	3/8_	1/4	0	
• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
45.0	45.5	46.7	46.7	47.1	47.4	47.4	47.6	47.6	48.4	49.1	····
		,,,,,		***				1, 10	,50	.,,,,	
48.3	49.4	49.6	49.5	50.0	50.3	50.3	50.5	50.5	51.3	52.0	
43.7	49.5	49.7	49.7	50.1	50.4	50.4	50.6	50.5	51.4	52.2	
48.9	49.5	49.7	49.7	50.1	50.4	50.4	50.5	50.5	51.4	52.2	
49.0	49.5	49.8	49.3	50.2	50.5	50.5	50.8	50.9	51.5	52.3	
49.5	50.1	50.3	50.3	50.3	51.1	51.1	51.3	51.3	52.0	52.8	
51.3	52.5	52.7	52 <b>.7</b>	53.1	53.4	53.4	53.7	53.7	54.4	55.2	
52.0	52.7	52.9	52.9	53.3	53.7	53.7	53.9	53.9	54.6	55.4	
55.1	55.7	55.9	55.9	56.3	56.7	56.7	55.9	56.9	57.6	53.4	
55.9	56.5	56.3	56.3	57.2	57.5	57.5	5 <b>7.7</b>	57.7	58.5	59.2	
55.0	55.7	56.9	56.9	57.3	57.6	57.6	57.8	57.3	53.6	59.4	
57.4	53.1	53.3	58.3	58.7	59.0	59.0	59.2	59.2	60.0	60.3	<del></del>
58.4	59.0	59.2	59.2	59.7	60.0	63.0	60.2	60.2	51.0	61.7	
53.2	54.0	54.2	54.2	54.7	65.1	65.1	55.3	65.3	65.0	55.8	
54.0	64.7	54.9	64.9	65.5	65.8	65.8	66.0	66.0	66.3	67.5	
54.3	65.5	55.8	55.8	56.3	66.7	66.7	65.9	66.9	57.5	58.4	
55.5	67.3	67.5	67.5	58.1	53.4	58.4	68.5	68.6	69.4	70.1	
59.4	70.2	70.4	70.4	71.0	71.3	71.3	71.5	71.5	72.3	73.0	
57.9	70.3	71.0	71.3	71.5	71.8	71.8	72.0	72.5	72.8	73.5	
73.5	74.4	74.5	74.6	75.2	75.5	75.5	75.7	75.7	76.5	77.2	
77.5	77.9	78.1	78.1	78.5	73.9	78.9	79.1	79.1	79.9	80.6	
78.3	79.3	30.0	80.0	80.5	90.9	80.9	81.1	81.1	31.8	82.6	
79.7	80.6	80.9	80.9	81.4	81.7	81.7	81.9	81.9	32.7	83.4	
32.9	33.9	84.1	34.1	54.5	84.9	84.9	85.2	85.2	85.9	85.7	
85.3	36.2	86.5	86.5	87.0	87.3	87.3	87.5	87.5	88.4	89•1	
35.7	67.3	97.7	37.8	38.5	83.5	88.8	89.0	39.0	39.9	90.6	
97.4	89.7	90.4	90.5	91.5	91.9	91.9	92.2	92.2	93.0	93.8	
97.7	90.5	91.9	92.0	93.2	93.5	93.5	94.0	94.0	94.9	95.7	
<b>म8.2</b>	91.2	92.9	93.0	94.4	94.8	94.8	95.3	95.3	95.3	97.2	
98.2	91.4	93.2	93.3	94.9	95.5	95.5	96.5	96.5	97.5	98.7	
83.2	91.4	93.3	93.4	95.2	95.7	95.7	96.8	96.8	98.1	100.0	
39.7	91.4	93.3	93.4	95.2	95.7	95.7	96.8	96.R	98.1	100.0	
	= :	•••••									
<del></del>			<del></del>		<del></del>			<del></del>			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CHILIS OPERATING LOCATION "A" FROM HOURLY DESERVATIONS USAFETAC. ASHEVILLE NO 2551(J) JE STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA LST TO UTC: + 6 MONTH: JA VISIBILITY IN STATUTE MILES CEILING SE SE SĒ GE GE GE GĒ IN GE 5 7 2 FEET 2 1/2 1 1/2 6 4 3 1 1/4 1 29.0 35.3 37.3 39.1 39.4 39.9 40.3 NO CEIL 33.0 40.4 41.2 4 GE 20000 35.9 40.6 42.5 42.7 43.4 43.9 31.7 33.4 44.0 44.7 42.9 45.1 GE 13000 31.9 30.1 33.6 40.9 43.2 43.3 44.2 44.3 42.9 SE 16000 31.3 33.6 40.9 43.2 43.8 44.2 44.3 45.1 35.1 GE 14000 31.9 40.9 42.9 43.2 43.8 44.2 44.3 45.1 33.6 36.1 GE 12000 39.2 41.5 43.5 43.9 44.9 44.9 45.7 32.5 36.8 44.4 47.4 48.0 SE 10000 34.7 39.2 41.3 44.3 45.3 40.3 48.1 49.3 49.4 9000 34.7 39.5 42.2 44.6 45.8 47.2 47.8 48.4 43.5 49.1 50.2 GE 3000 35.5 41.4 44.2 46.9 49.6 50.8 50.9 51.7 50.3 GΞ 7000 36.9 41.9 44.3 47.6 49.9 51.0 51.5 51.5 52.5 50.2 50.6 51.3 51.3 GE 6000 37.0 42.0 44.9 47.7 51.7 52.3 53.8 SF 5000 43.5 52.2 52.6 53.2 53.9 33.3 45.7 49.5 54.7 4500 39.2 49.1 53.7 55.3 44.5 50.9 54.1 54.7 55.4 56.2 59.5 4000 40.5 51.3 57.5 53.9 59.5 46.3 54.3 55.1 50.0 59.9 GE 3500 42.5 47.0 51.5 54.6 57.3 58.4 59.2 59.8 60.7 SE 47.5 55.8 59.0 59.6 60.4 51.0 51.2 3000 41.0 52.5 52.2 GF 62.5 53.5 54.8 2500 49.5 54.7 58.1 61.4 51.9 63.7 42.5 58.3 GE 57.7 2000 44.3 52.2 51.2 64.5 55.3 65.1 56.9 57.2 GE 44.5 1807 55.2 52.5 58.1 51.5 65.1 55.7 65.7 57.4 67.7 45.5 70.5 GE 69.5 1500 54.0 59.3 63.ª 67.7 68.4 70.2 71.7 73.3 GE 66.1 72.2 1200 46.5 55.4 61.7 70.3 71.1 73.0 74.5 74.4 73.3 75.3 75.5 1000 47.0 25.3 52.3 63.1 72.6 76.8 GE 900 57.0 54.2 70.0 74.5 75.3 76.3 77.2 77.5 78.7 48.1 GĒ 300 48.3 58.1 65.9 71.9 76.3 77.7 79.8 79.8 80.2 E1.5 48.3 GE 700 58.3 65.7 73.3 78.5 79.7 80.8 31.7 82.2 83.7 GE 600 +9.8 58.4 73.5 79.4 80.8 32.2 33.2 33.7 85.3 66.3 ĞĔ 500 49.3 53.5 57.1 74.3 30.4 32.2 83.8 34.9 35.4 37.3 SE 400 49.) 58.3 67.3 74.5 33.2 85.1 35.2 36.9 98.9 81.3 GÉ 300 49.0 58.8 67.4 74.7 81.5 83.5 35.5 87.0 97.5 90.4 91.3 GE 83.6 200 49.0 58.3 67.4 74.7 91.6 83.8 36.0 88.0 GF 89.6 91.8 100 47.0 58.8 67.4 74.7 81.3 83.8 83.0 88.0 ĠĔ 33.6 91.5 000 49.0 53.8 67.4 74.7 81.6 83.5 85.0 33.0 

930

TOTAL NUMBER OF OBSERVATIONS

AJE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY SUCITAVESEE AUGUST FROM FILE

EA CV	d _4				_			OCT 83		
				MONTH:	J4 V	HUURS:	ño-ño			
SIBIL	VI YIJ	STATUTE	MILES		•••••	••••				
3:		GE	ĴĘ.	GE	-SE	3E	35	ĞΕ	38	SE
2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	J
• • • • •	• • • • • •	• • • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
	<u> </u>					152		3 & 2		
33.4	39.9	40.3	40.4	41.3	41.7	41.9	42.5	42.5	43.2	44.9
42.)	A 4 A	43.9	44.0	44.7	45.3	· /1 =	45.3	46.1	45.5	47.5
42. 7 43. 2	43.4 43.3	+4.2	44.3	45.1	45.5	45.5 45.8	46.3	45.5	45.9	47.1
43.2	<u>43. ਤ</u>	44.2	44.3	45.1	45.5	45.8	45.3	46.5	46.9	47.3
43.2	43.3	44.2	44.3	45.1	45.4	45.3	45.3	45.5	46.9	47.4
43.9	44.4	44.3	44.5	45.7	45.2	46.5	47.0	47.1	47.5	48.5
	. , .		, , <b>,</b>			, , ,	, . •			• • •
45.3	47.4	49.0	48.1	43.3	49.4	49.5	50.1	50.2	50.5	51.5
47.2	47. =	48.4	43.5	49.4	49.9	50.1	50.5	50.3	51.2	52.2
49.5	53.2	50.8	50.9	51.7	52.3	52.5	53.0	53.1	53.5	54.5
50.3	51.3	51.5	51.5	52.5	53.0	53.2	53 <b>.</b> 4	53.9	54.3	55.3
50.5	51.3	51.4	51.9	52.3	53.3	53.5	54.1	54.2	54.5	58.5
	,		- 1,5-21 2 1-		12.00					<b>.</b>
52.5	53.2	53.3	53.9		55.3	55.5	56.0	50.1	25.5	57.5
54.1	54.7	55.3	55.4	55.2	55.8	57.0	57.5	57.5	58.1	59 <u>.0</u>
55.1	53.3 59.2	59.5	59.5	50.5	51.2	61.4	02.3	62.2 63.5	52.9 52.9	53.5 53.9
59.4 59.5	60.4	59.3 51.3	59.9 51.2	60.9 52.2	51.5 52.9	61.7 53.1	52.4 53.8	52.5 63.9	54.3	55.3
37.0	(1.) • 4	11.5	21+4	32.62	32.49	33.1	33.5	03.4	34.	3" • 3
ol. →	62.5	53.5	63.7	54.8	55.6	55.8	56.5	55.5	57.0	53.0
55.3	55.1	55.9	37.2	58.3	69.0	59.2	69.9	70.0	73.4	71.4
55.7	55.7	57.4	57.7	55.3	69.6	69.3	70.4	70.5	71.0	71.9
50.4	49.5	70.2	70.5	71.7	72.5	72.3	73.4	73.5	74.0	74.9
71.1	72.2	73.0	73.3	74.5	75.4	75.6	76.2	76.3	76.8	77.7
73.3	74.4		75.5	75.3	77.6	77.8	73.5	78.6	79.0	80.0
75.3	75.3	77.2	77.5	79.7	79.0	79.8	50.4	80.5	H1.0	81.7
77.7	74.3		80.2	61.6	82.5	82.7	33.3	33.4	A3.9	74.7
79.7	30.9	91.7	65.5	83.7	84.5	84.7	85.4	35.5	35.9	37.1
40.3	32.2	33.2	23.7	85.3	56.1	86.3	97.0	87.1	37.5	98.7
32.2	83.3	· -========	- 35 Z		00 0	38.4	89.0	99.1	89.6	90.3
33.2	95.1	34.9 35.2	35.9	38.9	90.1		91.2	91.3	91.8	93.1
ਮੌ <b>3.</b> 5	95.5	97.0	97.6	90.4	92.0	92.6	93.5	93.7		
		0.68								
43.8	95.0	88.0	89.6	91.8	93.5	94.3	95.8	95.0	97.2	99.7
· ·		- • •		•	. • -	• •		- •	. •	
33.3	95.0	83.0	99.6	91.8	93.5	94.3	95.8	95.9	97.2	100.0
• • • • •	• • • • • •	<u>• • • •</u> • • • •		• • • • • •		• • • • • •	• • • • • •	• • • • • •		

)

DPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILE FROM HOUSELY DESERVATIONS

STA	MIDN	NUMBER:	747540		TO UTC		LAND AFB	LA		·	PERIOD :
			.   .   .   .   .   .   .   .	***						• • • • • •	• • • • • • •
CEI	LING					,	VISIBILI	TY I'I	STATUTE	MILES	
Ţ	14	GE	G.F	3 =	GE	GE	GE		GΕ	SE	GE
7 5	Ţ	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1
• • •		• • • • • •			• • • • • •	• • • • • •			• • • • • • •	• • • • •	• • • • • • • •
		2.0							,		
CP	CEIL	30.3	35.5	39.8	41.5	42.6	42.7	42.8	42.3	42.3	42.9
0.5	2200		- 20 4	( 3 3	45.3	,, =		40.7	,		1.6
	20001		39.4 39.7	43.1 43.4	45.7	46.5 45.9	45.6 47.0	47.1	46.7 47.1	46.7 47.1	45.7 47.3
	15000		$\frac{39.7}{39.7}$	43.4	45.7	46.9	47.0	47.1	47.1	47.1	47.3
	14000		40.0	43.8	46.0	47.2	47.3	47.4	47.4	47.4	47.5
	12000		41.0	44.7	47.0	48.2	49.3	43.4	48.4	43.4	48.6
<b>-</b>					., • .,	, . , .		. , .			. • •
GF	10000	35.2	43.5	47.5	50. j	51.4	51.5	51.5	51.5	51.5	51.3
<b>3</b> 5	9001	35.7	44.1	43.1	50.5	51.9	52.0	52.2	52.2	52.2	52.4
ĢĒ	3001	33.5	45.2	50.3	52.3	54.2	54.3	54.4	54.4	54.4	54.4
GE	7000		47.4	52.3	54.7	56.2	56.3	55.5	56.5	55.5	55.7
GΕ	<b>60</b> 00	40.0	47.7	52.5	55.1	56.6	56.7	55.3	56.8	55.3	57.0
	_			2 2			±				'
G E	5000		43.2	53.1	55.7	57.3	57.4	57.5	57.5	o7•5	57.7
<u> </u>	4501		45.7	54.2	55.3	53.9	59.1	59.2	59.2	57.2	59.5
7,5	4000		50.5	56.5	59.5	51.9	52.0	52.3	52.4	52.5	52.7
GE	3500 3000		50.∃ 52.4	56.3 58.4	60.2	62.5 64.7	62.7 64.9	62.9 65.3	65.4	63.1 65.5	63.3 65.7
GΞ	3000	42.9	72.4	<b>33•4</b>	62.2	04.1	74.7	00.0	03.4	000.3	09.7
GE	2500	41.7	53.5	57.8	53.7	66.3	56.8	67.3	57.4	57.5	67.7
95	2000		56.2	52.5	55.5	69.5	70.0	70.5	70.6	70.8	71.0
- ŚĘ	1300		56.9	63.4	67.5	73.4	71.0	71.5	71.5	71.7	71.3
GΕ	1500		59.4	65.2	70.6	73.5	74.2	74.9	75.2	75.3	<b>7</b> 5.5
GE	1200		60.3	68.3	72.7	75.5	76.3	77.2	77.5	77.5	74.2
											j
66	1000		51.9	59.3	75.1	73.3	79.0	8).Î	30.4	30.5	80 <b>.</b> 9
35	900		52.4	70.5	75.9	79.5	30.5	31.7	32.3	32.4	92.9
G.F	300		52.7	71.3	77.0	31.0	32.0	33.4	34.0	34.1	न4.5
GE	700		43.1	72.3	79.4	33.8	84.9	<u> 35.3</u>	37.1	37.2	87.5
GE	600	49.5	63.2	72.4	80.2	35.1	96.3	88.1	33.8	93.0	89.6
SE	500	49.7	53.5	73.1	B1.3	36.5	87.8	95.0	91.5	91.9	92.3
GE.	9 )* 40(		53.7	73.2	81.4	86.5	37•3 38•0	90.5	92.5	93.0	94.1
- GF	300		53.7	73.2	81.4	35.5	88.1	93.3	72.9	73.5	95.2
GE	200		53.7	73.2	81.4	86.6	88.1	90.8	93.0	93.7	95.3
GE	100		53.7	73.2	81.4	36.6	88.I	90.8	73.0	93.7	95.3
		. • •				• -					
GÉ	000	49.7	63.7	73.2	31.4	86.6	83.1	90.3	93.0	33.7	ं ३५.३
				• • • • • •	• • • • • •						
											_: _:

TOTAL NUMBER OF DESERVATIONS 930

SLAND AFT	3 L4					180: NO 10085: 0	)V 7s - )9-11	ე <b>СТ</b> 88			
VISI31L1	ITY IN	STATUTE	MILES		• • • • • •	• • • • • •	• • • • • •	•••••	•••••	••••	
GÉ 2 1/2	3 <u>.</u> 2	GE 1 1/2	5E 1 1/4	GÉ 1	Gë 3/4	GE 5/3	36 1/2	0E 3 <b>/</b> 8	GE 1/4	GE O	
			• • • • • •		• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • •	
42.7	42°A	42.3	42.3	42.9	43.1	43.2	43.3	43.3	43.4	43.4	
45.5 47.3	45.7 47.1	45.7 47.1	46.7 47.1	45.9 47.3	47.1 47.5	47.2 47.5	47.3 47.7	47.3 47.7	47.4 47.8	47.5 43.3	
47.3	47.1	47.1	47.1	47.3	47.5	47.0	47.7	47.7	47.8	43.0	
47.3	47.4	47.4	47.4	47.5	47.9	43.0	43.1	48.1	43.2	48.3	
44.3	43.4	48.4	42.4	48.6	43.8	48.9	49.0	49.0	49.1	49.2	
				ė. a	53.0		C 3 . 3	E 3 . 5	- , - ,	<b></b> .	
51.5	51.5	51.5	51.5 52.2	51.8 52.4	52.0 52.6	52.2 52.7	52.3 52.3	52.3 52.8	52.4 52.9	52.5 53.0	
52.0 54.3	<u>52.2</u> 54.4	52.2 54.4	54.4	54.5	54.9	54.9	55.1	55.1	55.2	55.3	
55.3	55.5	56.5	55.5	55.7	56.9	57.0	57.1	57.1	57.2	57.3	
56.7	55.3	56.3	56.3	57.0	57.2	57.3	57.4	57.4	5 <b>7.</b> 5	57.6	
., •	, 3 • 3	3 • .,	770	J . •	> 1 <b>4</b> E	, , <b>,</b> ,	, <b>, ,</b> ,	,,,,,	,,,,	, , <b>.</b> .	
57.4	57.5	57.5	27.5	57.7	58.0	58.1	58.2	53.2	50.3	54.4	
59.1	59.2	59.2	59.2	59.5	53.7	59.3	59.9	59.9	50.0	1.63	
52.0	52.3	52.4	52.5	52.7	63.0	53.1	63.2	63.2	53.3	53.4	
52.7	42.9	53.0	53.I	63.3	63.7	53.8	63.9	63.9	54.0	54.1	
54.9	65.3	65.4	65.5	65.7	66.0	66.1	56.2	06.2	56.3	66.5	
56.5	67 <b>.</b> 3	67.4	57.5	67.7	68.1	38 <b>.</b> 2	69.3	53.3	50.4	63.5	
70.0	73.5	70.6	73.8	71.0	71.3	71.4	71.5	71.5	71.6	71.7	
71.3	71.3	71.5	71.7	71.9	72.3	72.4	72.5	72.5	72.5	72.7	
74.2	74.9	75.2	<b>7</b> 5.3	75.5	75.9	76.0	76.1	76.1	76.2	76.3	
75.3	77.2	77.5	77.5	79.0	78.3	78.4	78.5	74.5	78.5	78.7	
77.0	80.1	30.4	30.5	80.9	81.2	31.3	31.4	31.4	81.5	31.5	
30.5	31.7	32.3	32.4	92.3	33.1	33.2	33.3	83.3	33.4	83.5	
32.0	33.4	34.0	34.1	34.5	84.8	84.9	85.1	35.1	35.2	35.3	
84.9	35.3	37.1	37.2	87.5	_33 <b>.1</b>	38.2	83.3	88.3	38.4	88.6	
95.3	88.1	39.8	33.C	39.6	90.0	99.1	90.2	90.2	90.3	90.5	
3 <b>7.</b> 3	90.0	91.5	71.9	92.3	93.3	93.4	93.5	93.8	93.9	94.1	
38.0	90.5	92.5	93.0	94.1	94.8	94.9	95.3	95.3	95.4	95.6	
85.1	95.3	72.9	73.5	95.2	96.3	96.7	97.2	97.3	97.4	97.6	
98.1	90.3	93.0	93.7	95.3	96.7	97.0	97.8	93.1	98.3	98.3	
83.1	90.3	23.0	93.7	95.3	96.7	97.0	93.1	98.3	99.1	99.7	
B3•1	90.3		93.7				98.1			100.0	
• • • • • • • •			• • • • • • •	• • • • • •		• • • • • •	• • • • • •				

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI FROM HOURLY DESERVATIONS

STATION	<b>NJM3ER:</b>	747540		TIDN VAN		LAND AFB	LA			WONIH:
CETLING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	VISIBILI	TV IN		MILES	• • • • • • • •
CEILING	ुट्	GE	GF	GE	GE		GE	GE	GĒ.	- GE
E E E I	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1
						2 1/2	<u></u>	1 1/2	1 1/7	
• • • • • • • •		• • • • • • • •				• • • • • • • •	• • • • • •			• • • • • • • •
NO CEIL	37.1	40.5	41.7	42.0	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	42.5	47.0	49.5	48.9	49.0	49.0	49.0	49.0	49.0	49.0
GF 13000		47.5	49.1	49.5	49.6	49.6	49.5	49.6	49.5	49.5
GF 15000		47.5	49.2	49.6	47.7	49.7	49.7	49.7	49.7	47.7
95 14000		43.2	49.3	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 12000		49.5	51.2	51.5	51.5	51.6	51.6	51.5	51.5	51.5
SE 10000	45.5	51.5	53.2	53.5	53.7	53.7	53.7	53.7	53.7	53.7
SF 9000	47.0	52.5	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5
ંદ=ે ∃00∛	49.1	55.9	57.5	57.3	53.0	58.0	53.0	53.0	55.0	58.0
3E 7000	50.3	5 <b>7.</b> 5	59.6	59.9	50.0	50.0	50.0	50.0	60.0	50.0
GE 6000	51.3	58.2	60.1	62.5	60.6	60.5	50.6	59.6	67.6	60.5
GE 5000	51.3	58.5	60.9	61.3	51.5	61.6	51.6	51.6	61.6	61.5
SE 4500	52.5	50.1	52.5	53.3	63.7	53.7	63.7	53.7	53.7	53.7
SF 4000	54.3	62.5	55.1	55.3	55.2	66.5	55.5	55.8	55.2	65.3
GE 3500	55.3	52.9	65.7	55.5	57.0	<b>57.</b> 2	57.2	57.5	<b>57.</b> 5	57.3
GE 3000	55.5	55.2	63.3	69.6	70.1	70.4	70.5	71.0	71.0	71.2
GF 2500	5 <b>7.</b> 7	55.7	70.3	71.6	72.2	72.5	72.5	73.5	73.0	<b>73.</b> 2
SE 2000		69.5	73.2	74.5	75.4	75.7	75.3	75.2	76.2	76.5
G= 1800		57.9	73.5	74.9	75.9	76.1	75.2	75.7	75.7	76.7
SE 1500	62.3	73.3	77.5	79.5	80.4	30.8	81.2	31.6	31.5	31.3
GE 1200	52.6	74.3	79.2	92.0	33.2	83.7	34.2	34.5	84.5	84.3
GF 1000		75.2	30.5	84.2	86.3	37.1	<b>37.</b> 3	93.3	38.3	<b>39.</b> 6
GE 970		75.5	31.4	34.9	87.1	38.0	83.7	89.1	39.1	29.5
GE 80€		75.7	31.5	35.2	37.7	88.6	89.5	90.1	70.1	90.5
GF 700		75.0	32.2	36.3	89.1	90.0	91.3	91.9	91.9	92.4
GE 500	54.1	76.2	82.6	87.3	90.2	91.1	92.5	93.4	93.4	94.7
GE 500		75.3	83.1	99.0		91.9				
35 400			33.1	38.0		92.4	94.5	90.1	96.5	97.2
SE 300			33.1	88.0	91.0	92.4	94.7	96.6 96.6	97.1	98.3
GF 200		76.3	83.1	88.0	91.0	92.4	94.7	95.6	37.1	98.4
GE 100	64.2	76.3	83.1	88.0	91.0	92.4	34.7	96.6	97.1	93.4
GE 000		75.3				92.4				
•••••		• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • • •

930

TOTAL NUMBER OF OBSERVATIONS

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

Δ = 3	LA	· · · · · · · · · · · · · · · · · · ·			OF REC		OV 78 -	OCT 88			
				MUNIT.	JAN						
TLI	TY IN	STATUTE			• • • • • • •						
:	GE		GE		GE	GE	GF	GE	GE	CE	
./2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/9	1/4	<u>)</u>	
) • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • •	
. 2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	
• )	49.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	
• O	49.5	49.6	49.6	49.5	49.6	49.6	49.6	49.5	49.6	49.5	
, 7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	
• ?	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	
• 5	51.6	51.5	51.5	51.6	51.6	51.6	51.5	51.6	51.5	51.5	
. 7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	
. )	51.0	53.0	53.0	59.0	58.0	58.0	58.0	58.0	53.0	58.0	
. J	50.0	50.0	60.0	60.0	60.0	50.0	60.3	50.0	50.0	60.0	
• 5	50.6	50.6	67.6	60.5	50.5	50.6	60.6	60.6	60.5	50.5	
• 5	51.6	51.6	61.6	61.5	51.6	51.6	51.6	51.6	51.6	61.5	
• 7	63.7	53.7	53.7	53.7	63.7	63.7	63.7	63.7	53.7	63.7	
• 5	55.5	55.8	55• <u>5</u>	65.3	56.8	55.3	65.E	66.8	56.3	65.5	
• 2	57.2	57.5	57.5	57 <b>.</b> 5	57.5	67.5	67.5	67.5	57.5	67 <b>.</b> 5	
. 4	70.5	<del>71.0</del>	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
• ŝ	72.5	73.0	73.0	73.2	73.2	73.2		73.2	73.2	73.2	
. 7	75.3	75.2	76.2	76.5	76.5	76.5	75.5	76.5	76.5	76.5	
. 1	75.2	75.7	76.7	76.9	76.9	76.9	75.9	76.9		75.9	
• 3	31.2	31.6	31.5	31.3	81.8	81.8	31.8	81.8	81.8	उ1.5	
. 7	44.2	34.5	84.5	84.8	84.8	84.8	84.8	34.8	84.9	84.8	
• 1	47.3	93.3	38.3	89.5	39.6	38.6	- 88.7	88.7	38.7	38.7	
• )	83.7	89.1	39.1	39.5	39.5	89.5	89.6	89.6	89.6	59.6	
· 5	77.5	90.1	70.1	90.5	90.5	90.5	90.6	90.5	90.6	90.5	
• )	91.3	91.9	91.9	92.4	92.4	92.4	92.5	92.5	92.5	92.5	
• 1	72.5	93.4	93.4	94.0	94.1	94.1	94.2	94.2	94.2	94.2	
. 9	94.T	75.1	95.4	95.0	95.2	96.2	96.3	96.3	96.3	96.3	· · · · ·
	94.5	90.1	96.5	97.2	97.7	97.7	98.0	98.0	98.0	98.0	
4	74.7	75.5	97.1	98.3	99.0	99.0	99.6	99.5	97.6	99.5	
. 4	94.7	96.6	97.1	98.4	99.2	99.2	99.9	99.9	100.0	100.0	
. 4	14.7	96.6	97.1	98.4	99.2	99.2		99.9		100.0	
. 4	74.7	96.6	97.1	98.4	00 9	99.2	20.0	99.9	100 0	100.0	
		40.0						-			
	<del></del>										

CEILING IN FEET NO CEIL GE 20000	GE 7	GE 4	LST GE 5	TION NAME TO UTC	+ 6	VISIBILI				PERIOS MONTH:
IN FEET NO CEIL	7		GE 5	3E		VISIBILI				
IN FEET NO CEIL	7		5				TY IN			
NO CÉTL	7		5		GE			STATULE		
NO CÉTL	•••••	• • • • • •		4		Gē	GC	52	GÉ	" G⊑
NO CETE					3	2 1/2	2		1 1/4	1
	40.6	4.6. 0		• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •			• • • • • •
CE 20000		***	45.2	46.7	46.8	46.8	45.3	46.3	46.3	45.º
コピームひりひひ	45.3	51.5	53.1	53.7	53.8	53.3	53.3	53.8	53.3	53.3
GE 18000	46.9	52.0	53.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3
SE 15000	47.3	52.5	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	47.3	52.5	54.1	54.6	54.7	54.7	54.7	54.8	54.3	54.4
GE 12000	47.7	53.2	54.3	55.4	55.5	55.5	55.5	55.6	55.6	55.5
GE 10000	50.4	55.5	53.2	58.7	53.8	58.8	53.3	58.9	53.9	55.9
SF 9000	50.3	55.8	58.5	57.0	57.1	59.1	59.1	59.2	59.2	59.2
35 3000	52.3	53.1	52.7	52.5	62.7	52.7	62.7	52.3	52.3	52.5
GE 7000	53.4	60.8	63.1	63.7	63.3	63.4	53.8	63.9	63.9	63.9
GE 5000	53.7	51.0	63.7	64.2	54.3	64.3	54.3	64.4	54.4	54.4
GE 5000	54.3	52.3	55.5	66.2	66.3	60.3	65.3	55.5	56.5	55.5
S <sup>c</sup> 4500	55.5	34.3	57.5	58.3	53.4	58.4	53.4	53.5	55.5	53.5
GE 4000	57.5	56.2	59.0	69.9	70.1	70.1	77.3	70.5	70.5	70.5
GE 3500	59.1	59.3	71.3	72.2	72.4	72.4	72.5	72.8	72.9	72.4
GE 3000	50.9	71.0	74.4	75.3	75.7	75.7	76.1	76.3	76.3	76.3
GE <b>25</b> 00	51.7	72.4	76.1	77.3	77.8	77.3	<b>7</b> 3.3	79.5	73.5	78.5
GE 2000	62.7	73.7	77.3	79.1	79.7	79.7	83.1	30.3	30.4	33.4
GE 1800	53.2	74.3	78.5	79.3	90.5	80.5	31.0	31.2	81.3	81.3
GE 1500	54.9	77.3	32.5	84.1	35.2	95.3	35.8	35.1	36.2	85.2
SE 1200	55.1	77.6	P3.5	85.4	35.7	36.8	87.6	39.2	33.3	BA. 3
35 1000	65.3	77.8	33.9	36.5	88.8	98.7	a <u>7.</u> 3	90.4	70.5	93.3
SE 900	65.3	77.3	33.9	85.5	89.0	39.2	90.2	90.8	90.9	91.1
	65.3	79.2	34.5	87.3	90.0	90.2	91.4		92.3	92.5
GE 700	55.5	78.7	35.1	87.8	91.0	91.5	93.1	94.2	94.4	94.5
GE 600	65.6	78.8	85.2	88.0	21.7	92.3	94.5	95.9	95.2	95.5
SE 500	35.7	79.1	35.7	88.5	92.4	93.0	95.9	37.4	37.7	93.1
SE 400	65.7	79.1	35.7	იი. მმ∙5	92.4	93.0	96.1	9 <b>7.</b> 8	78.2	98.5
GE 300	65.7	79.1	85.7	38.5	92.4	93.0		78.0	93.3	93.5
GE 200	65.7	79.1	85.7	38.5	92.4	93.0	95.2	98.1	93.4	98.7
GE 100	55.7	79.1	95.7		92.4		96.2	78.1	99.4	99.7
ge '000	55.7	79.1	35.7	38.5	92.4	93.0	95.2	99.1	98.4	93.7

930

TOTAL NUMBER OF DESERVATIONS

# FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AF	i L	<del></del>		PERIOD MONTH:		JRO: NI	78 -	OCT 88		<del></del>	
							19-11	• • • • • •	• • • • • •	•••••	
		STATUTE				~-~-		<del></del>			
	52		GE		GE	GE G ( )	GE	GE	GE	GE	
1/2		1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	<u> </u>	
• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••	
. <b>₽</b>	45.3	46.3	46.8	45.8	46.8	45.8	45.8	46.3	46.8	46.8	THE STATE OF THE S
1.3	53.3	53.8	53.3	53.3	53.8	53.8	53.8	53.8	53.8	53.3	
· • 3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
1.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
4.7	54.7	54.8	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	
3.5	55.5	55.6	55.6	55.5	55.6	55.6	55.6	55.6	55.6	55.6	
3.3	53.3	58.9	53.9	58.9	53.9	58.9	58.9	58.9	58.9	53.7	
).i	59.1	50.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
2.7	62.7	52.8	52.8	52.3	52.8	52.8	52.8	52.8	62.8	62.3	
3.3	53.8	63.9	03.9	63.9	63.9	63.9	53.9	63.9	53.9	63.9	
4.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	64.4	54.4	54.4	
5.3	65.3	55.5	56.5	55.5	65.5	66.5	66.5	66.5	56.5	56.5	-
3.4	53.4	58.5	58.5	58.5	58.5	68.5	53.5	63.5	58.5	68.5	
9.1	77.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	
2.4	72.5	72.8	72.8	72.9	72.8	72.8	72.8	72.8	72.8	72.8	
5.7	75.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
7.3	73.3	78.5	73.6	78.5	73.6	78.6	73.6	73.6	73.6	75.6	
9.7	90.1	30.3	30.4	30.4	80.4	30.4	ಕ <b>ು.</b> 4	30.4	80.4	80.4	
0.5	31.0	31.2	81.3	81.3	91.3	81.3	81.3	81.3	81.3	91.3	
5.3	35.8	35.1	36.2	86.2	B6.2	86.2	86.2	86.2	36.2	86.2	
6.8	37.6	33.2	38.3	89.3	88.4	88.4	83.4	88.4	88.4	38.4	
3 <b>.</b> 9	57.7	99.4	90.5	90.8	71.7	~ ~ ~	91.0		aa	<b>71 7</b>	
9.2	90.2	90.8	90.9	91.1	91.0 91.3	91.0 91.3	91.4	91.0 91.4	91.0 91.4	91.0 91.4	
0.2	71.4	92.2	92.3	92.5	92.7	92.7	92.8	92.8	92.8	92.8	
1.5	93.1	94.2 94.2	94.4	94.6	94.8	94.9	94.9	94.9	94.9	94.9	
2.3	94.5	95.9	95.2	96.5	96.7	96.7	96.8	96.9	96.8	96.8	
3.5	95.9	37.4	97.7	98.1	98.4		98.5	98.5	98.5	98.5	
3.0	95.1	97.8	98.2	98.5	98.9	98.9	99.0	97.0	99.0	99•0	
3.0	95.2	78.0	98.3	98.6	99.0	99.0	99.1	93.1	99.1	99.1	
3.0	95.2	98.1	99.4	99.7	99.1	99.1	99.5	99.5	99.9	100.0	
3.0	96.2	98.1	93.4	98.7	99.1	99.1	99.5	99.5	39.9	100.0	
3.5 -	95.2	98.1	98.4	98.7	99.1	99.1	99.5	99.5	99.9	100.0	
• • • • •			• • • • • •	• • • • • •						• • • • •	
~											

	OPE	RATINO	S LOCATI	LDN MAH			PERCE	NTAGE FR				
	USA	FETAC	, ASHEVI	ILLE NC					FROM	YJRUCH	D3SERV/	SPETTA
	STA	TION	NJMBE :	747540		TO UTC		LAND AFE	3 LA		······································	PERIOD MONTH:
	CEI	LING			•••••			VISIBILI	TY IN	STATUTE	MILES	• • • • • •
		N	GE	G.F.	GĒ	GE	GE	GE	SE	GE	GF	GE
		ΞT	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1 4
	• • •				• • • • • •	• • • • • •		•••••		• • • • • • •	• • • • • •	• • • • • •
	์พ่อ	CĒĪL	46.9	49.9	51.1	51.5	51.6	51.6	51.7	51.7	51.7	51.7
	GĖ	20000	51.5	55.1	56.2	56.8	56.9	56.9	57.0	57.0	57.0	57.0
		18000	51.5	55.1	55.2	56.8	56.9	50.9	57.0	57.0	57.0	57.0
		16000	51.7	55.2	55.3	56.9	57.0	57.0	57.1	57.1	57.1	57.1
	GΕ	14000	52.0	55.5	56.7	57.2	57.3	57.3	57.4	57.4	57.4	57.4
	S E	12000	52.2	55.8	57.0	57.5	57.6	57.6	57.7	57.7	57.7	57.7
	3=	10000	74.5	53.5	59.8	60.5	60.6	60.5	60.3	50.8	50.8	50.3
	GE	9000	55.3	59.1	50.4	51.2	61.3	51.3	51.4	51.4	51.4	51.4
	GE	3000	57.3	61.5	63.2	54.1	64.2	64.2	54.3	54.3	54.3	64.3
	GΞ	7000	5 <b>7.</b> 3	52.5	64.2	65.1	65.2	65.2	65.3	65.3	65.3	55.3
	GE	6000	53.4	63.1	<b>54.</b> 3	65.7	65.8	65.3	65.9	65.9	65.9	65.9
	ĞΕ	5000	53.9	53.7	55.6	56.5	66.6	56.5	56.7	56.7	56.7	56.7
	<u>GE</u>	4500	59.5	54.5	55.5	67.3	67.4	57.4	67.5	57.5	07.5	57.5
	3 E	4000	51.9	57.5	70.3	71.3	71.6	71.5	71.8	71.3	71.9	71.5
	GE	3500	53.0	59.0	71.7	73.1	73.4	73.4	73.7	73.7	73.7	73.3
	GE	3000	54.5	70.5	73.4	74.8	75.3	75.3	75.5	75.5	75.5	75.5
	GE	2500	55.7	72.5	75.5	77.2	77.7	77.7	73.0	78.0	73.0	78.1
	Ľ, Ľ	2000	67.3	73.9	77.0	79.0	79.6	79.8	83.0	80.0	30.0	30.1
	GE	1800	57.7	74.5	77.8	79.9	30.4	80.6	80.9	30.9	30.9	51.0
	GE	1500	69.2	75.6	80.4	82.6	33.9	84.1	34.3	94.4	34.5	84.5
	GE	1200	70.1	77.7	81.8	84.2	85.7	85.9	35.1	96.6	95.7	85.8
	SE	1000	70.3	78.1	32.5	34.9	85.6	35.9	87.3	23.3	35.4	83.5
	GE	700	70.3	73.2	82.7	35.3	87.1	87.4	87.3	83.8	89.0	39.1
	ĜĒ	300	70.5	73.5	83.8	87.1	83.9	39.2	90.0	71.1	91.3	91.4
	GE	700	71.1	79.1	84.5	88.2	90.0	90.3	91.9	93.1	93.3	93.4
	GE	500	71.2	79.2	85.1	88.9	91.1	91.4	94.0	95.5	95.8	95.2
	GF	500	71.4	79.5	35.4	89.2	92.0	92.5	95.4	97.3	27.5	97.7
	GE	400	71.4	79.5	35.4	89.2	92.8	93.2	95.5	93.5	98.8	98.4
-	SE	300	71.4	79.5	35.4	89.2	93.0	93.4	95.7	98.7	99.0	99.1
	GE	200	71.4	79.5	85.4	89.2	93.1	93.5	96.8	98.8	99.1	99.2
	GË	100	71.4	79.5	85.4	89.2	93.2	93.7	96.9	98.9	99.2	99.4
	GE	000	71.4	79.5	85.4	89.2	93.2	93.7	96.9	93.9	79.2	79.4

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

LAND AF	3 L4	<del></del>	<u> </u>	PERIDO	OF REC	ORD: NO	JV 78 -	OCT 88	·		
				HINOM:	JAN 1	IOURS:	19-20				
VICIOII		STATUTE	MTL CC	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	
GE	SE SE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/3	1/4	0	
2 1/2		1 1, 2	1 1/7	*	3/7		1/2		1,1	•••••	
51.6	51.7	51.7	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	
56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.2	
50.9	57.0	57.0	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.2	
57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3	
57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.6	_ 57.6	
57.6	57.7	57.7	57.7	57.7	57.8	57.8	58.0	58.0	58.0	58.0	
50.5	60.3	50.8	60.8	50.3	50.9	60.9	61.0	61.0	61.0	61.0	
51.3	51.4	51.4	51.4	51.4	51.5	51.5	61.5	61.6	61.6	51.6	
64.2	54.3	54.3	64.3	64.3	64.4	64.4	64.5	64.5	54.5	64.5	
65.2	65.3	65.3	65.3	65.3	55.4	65.4	65.5	65.5	65.5	55.5	
65.3	65.9	65.9	65.9	65.9	55.0	66.0	66.1	66.1	66.1	66.1	
56.5	56.7	56.7	56.7	66.7	66.8	66.8	66.9	56.9	66.9	65.9	
57.4	67.5	57.5	57.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	
71.5	71.8	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	
73.4	73.7	73.7	73.7	73.3	73.9	73.9	74.0	74.0	74.0	74.0	
75.3	75.5	75.5	75.5	75.5	75.7	75.7	75.8	75.8	75.8	75.8	
77.7	73.0	78.0	78.0	78.1	73.2	78.2	78.3	78.3	75.3	78.3	
<b>79.</b> 3	80.0	30.0	30.0	30.1	30.2	30.2	80.3	80.3	80.3	80.3	
30.6	80.9	33.9	30.9	51.0	81.1	31.1	81.2	31.2	81.2	81.2	
94.1	34.3	94.4	84.5	84.5	94.7	34.7	84.8	84.9	84.8	84.8	
85.9	85.1	96.6	86.7	86.8	86.9	86.9	87.0	97.0	87.0	87.0	
35.9	87.3	33.3	39.4	83.5	36.5	88.5	83.7	83.7	88.7	88.7	
37.4	87.3	83.8	89.0	89.1	89.2	89.2	89.6	89.6	89.6	89.6	
99.2	90.0	71.1	91.3	91.4	91.5	91.5	91.8	91.8	91.8	91.3	
90.3	91.9	93.1	93.3	93.4	93.5	93.5	93.9	93.9	93.9	93.9	
91.4	94.0	95.5	95.8	95.9	96.0	96.0	96.3	96.3	96.3	96.3	
92.5	95.4	97.3	97.6	97.7	97.8	97.8	98.2	98.2	98.2	98.2	
93.2	96.5	98.5	98.8	98.9	99.0	99.0	99.4	99.4	99.4	99.4	
73.4	95.7	98.7	99.0	99.1	99.2	99.2	99.6	99.6	99.6	99.5	
93.5	96.8	98.8	99.1	99.2	99.4	99.4	99.7	99.7	99.7	99.7	
93.7	96.9	98.9	99.2	99.4	99.5	99.5	99.8	99.8	99.8	100.0	
93.7		93.9	99.2	99.4	99.5	99.5	99.8	99.8	99.8	100.0	
* * * * * * * *	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	

	AFETAC,		IDN "A"			PERCE	NTAGE FR		HJURLY	
ST	A MCITA	IUMBER:	747540		TO UTC		LAND AFR	LA		
CE	ILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES
	IN	GΕ	GF	GE	GE	GE	GE	GĒ	GE	GE
F	EET	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4
• •	• • • • • • •	•••••	• • • • • • •			• • • • • •	• • • • • • •	• • • • •	• • • • • • •	
NO	CEIL	47.5	50.0	50.8	50.9	50.9	51.0	51.0	51.0	51.0
ĠΕ	20000	52.2	54.7	55.7	55.3	55.9	56.0	55.0	56.0	55.0
GE	18000	52.2	54.7	55.7	55.3	55.9	56.0	56.0	56.0	56.0
GE	16000	52.2	54.7	55.7	55.8	55.9	56.0	56.0	55.0	56.0
	14000	52.5	55.1	56.0	56.1	55.2	56.3	56.3	56.3	56.3
GE	12000	53.2	56.2	57.2	57.3	57.4	57.5	£7.5	57.5	57.5
	10000	54.5	57.5	53.5	53.9	59.0	59.1	59.1	59.1	59.1
GF.	9000	54.8	5 <b>7.</b> 8	53.8	59.2	59.4	59.5	59.5	59.5	59.5
SΕ		57.0	50.1	61.1	51.5	61.7	61.3	51.3	51.9	21.9
GE	7000	57.2	50.4	51.4	61.8	52.0	52.2	62.2	62.3	52.3
GE	6000	53.0	61.2	52.2	62.6	52.8	62.9	62.9	53.0	63.0
GE	5000	59.3	52.2	63.1	53.5	63.8	53.9	53.9	64.0	54.0
GE	4500	59.2	52.7	53.7	54.1	64.3	54.4	54.4	54.5	54.5
GE.		52.7	56.5	58.0	58.9	59.1	59.5	69.5	69.6	57.5
GE	3500	63.7	58.0	69.5	70.8	71.1	71.4	71.4	71.5	71.5
GË	3000	64.5	59.7	70.5	71.8	72.4	72.7	72.7	72.3	72.9
GF	2500	55.9	70.5	73.1	74.5	75.2	75.5	75.5	75.5	75.5
GE	2000	67.0	72.3	74.9	75.5	77.1	77.4	77.4	77.5	77.5
GT.		57.5	72.9	75.9	77.4	78.1	78.4	73.4	78.5	78.5
SE	1500	70.3	75.4	78.3	30.5	81.6	32.0	92.2	32.3	32.3
GE	1200	70.9	76.9	80.5	32.7	83.7	34.1	34.2	34.3	34.3
GE	1500	71.4	77.3	81.9	84.1	35.5	85.9	85.1	96.5	86.5
GE	900	71.3	73.7	33.0	35.4	87.2	87.5	87.8	88.5	38.5
GE	900	73.1	30.I	84.9	87.5	89.8	90.2	90.4	91.4	71.4
GE	700	73.3	30.3	35.4	38.4	93.9	91.3	91.7	92.8	92.3
GE	600	73.3	80.4	85.6	88.7	91.2	01.6	92.5	93.3	93.8
GE	500		₹5.8	85.9	89.4	92.2	92.7	93.9	95.7	95.8
SE	400	73.5	80.3	36.0	99.7	92.6	93.3	94.3	97.0	97.1
CE	300	73.5	30.8	86.0	39.7	92.8	93.5	95.1	97.2	97.5
3E 8E	200	73.7	30.9	36.1	39.8	93.0	93.9	95.4	97.7	98.1
GË	100	73.7	30.9	86.1	87.8	73.0	93.9	95.4	97.7	
GF	ገለስለ	72.7	30.9	95.I	89.8	93.0	93.9	95.4	97.7	93.1

930

TOTAL NUMBER OF OBSERVATIONS

AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ND AF8	LA		<del></del>	PERIOD	OF RECI	ORD: N	OV 78 -	OCT 88	<del></del> -		
				MONTH:	JAN I	HOURS:	21-23				
SIBILI	TY IN	STATUTE			• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
GE	GΞ	GE	GE	GE	GE	GE	SE	GE	GE	SĒ	
2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	Ó	
• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	<del></del>
51.0	51.0	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.3	51.3	
55.0	55.0	56.0	56.0	55.1	56.2	56.2	55.2	56.2	56.3	56.3	
55.0	56.0	55.0	56.0	56.1	56.2	56.2	56.2	56.2	56.3	56.3	
55.0	56.0	55.0	56.0	56.1	56.2	56.2	56.2	56.2	56.3	56.3	
56.3	56.3	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.7	56.7	
57.5	<b>57.</b> 5	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8	
59.1	59.1	59.1	59.1	59.2	59.4	59.4	59.4	59.4	59.5	59.5	
59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.8	59.8	
51.3	51.3	51.9	51.9	62.0	62.3	62.3	62.3	62.3	62.4	52.4	
52.2	62.2	52.3	52.3	62.4	52.5	52.6	52.6	62.5	62.7	52.7	
52.9	62.9	53.0	63.0	63.1	53.3	63.3	63.3	63.3	53.4	63.4	
63. <del>)</del>	53.9	54.0	54.0	54.1	54.3	54.3	64.3	64.3	64.4	54.4	
54.4	54.4	54.5	54.5	54.5	54.8	54.8	64.8	64.3	64.9	64.9	
59.5	69.5	69.6	57.6	69.7	69.9	69.9	59.9	59.9	70.0	70.0	
71.4	71.4	71.5	71.5	71.6	71.9	71.8	71.8	71.8	71.9	71.9	
72.7	72.7	72.3	72.8	72.9	73.1	73.1	73.1	73.1	73.2	73.2	
75.5	75.5	75.6	75.5	75.7	75.9	75.9	75.9	75.9	76.0	76.0	
77.4	77.4	77.5	77.5	77.6	77.B	77.8	77.8	77.3	78.0	78.0	
73.4	73.4	78.5	78.5	73.6	78.8	79.3	78.3	78.3	78.9	78.9	
32.0	92.2	32.3	32.3	82.4	32.6	82.6	82.6	82.6	82.7	82.7	
34.1	34.2	94.3	84.3	84.4	84.6	84.5	84.6	84.6	84.7	94.7	
A5.9	35.1	86.5	86.6	86.7	86.9	36.9	36.9	86.9	37.0	87.0	
87.5	37.3	38.5	98.5	88.6	88.8	38.8	83.9	88.8	88.9	88.9	
90.2	90.4	91.4	71.4	91.5	91.7	91.7	91.7	91.7	91.8	91.8	
91.3	91.7	92.8	92.3	92.9	93.1	93.1	93.1	93.1	93.2	93.2	
91.6	92.5	93.3	93.8	93.9	94.1	94.1	94.1	94.1	94.2	94.2	
92.7	93.9	95.7	95.9	95.1	95.3	76.3	96.3,	96.3	96.5	96.6	
93.3	94.3	97.0	97.1	97.4	97.6	97.6	97.6	97.6	97.8	97.3	
93.5	95.1	97.2	97.5	97.8	98.2	98.2	99.3	98.3	98.5	98.5	
93.3	95.4	97.7	98.1	98.4	98.7	98.7	99.9	98.9	99.1	99.1	
93.9	95.4	37.7	98.1	98.4	99.8	98.8	99.1	99.1	99.7	100.0	
13.3	95.4	97.7	98.1	98.4	98.8	98.8	99.1	99.1	99.7		
	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CO DPERATING LOCATION "A" FROM HOURLY OBSERVATIONS USAFFTAC, ASHEVILLE NO STATION NUMBER: 747540 STATION NAME: ENGLAND AFE LA PERIO LST TO UTC: + 6 HIVER: VISIBILITY IN STATUTE MILES CEILING GE GE GE GE GF IN 5 FEET 7 2 1/2 2 1 1/2 1 1/4 5 4 3 1 NO CEIL 39.2 42.9 44.5 45.5 46.2 46.3 45.5 46.5 46.5 45.5 49.1 50.1 50.9 51.0 51.2 51.3 51.5 SE 20000 43.0 47.1 51.3 GE 18000 43.2 47.3 49.3 50.4 51.1 51.3 51.4 51.5 51.5 51.8 49.4 16000 43.3 47.4 50.5 51.2 51.3 51.5 51.6 51.6 51.5 49.5 GE 14000 43.5 47.5 50.7 51.4 51.5 51.7 51.3 51.7 52.1 52.4 52.7 GE 12000 44.1 48.4 50.4 51.5 52.2 52.6 52.7 52.9 54.8 55.3 GF 10000 50.5 52.7 54.9 55.3 45.3 54.0 55.1 55.5 9000 45.4 51.2 53.2 54.5 55.3 55.4 55.7 55.3 55.3 35.0 53.2 SE 8000 48.6 55.0 57.3 53.1 59.3 58.5 58.6 58.5 54. 7 58.4 59.2 59.9 7000 49.3 54.5 57.0 59.3 59.5 59.7 59.7 GE 55.0 57.4 59.7 59.3 GÉ 6000 49.6 58.3 60.0 60.2 60.2 50.4 60.0 ĠE 5000 50.5 56.0 53.6 60.9 61.1 51.4 61.3 61.5 51.7 57.1 GE 4500 59.8 63.0 51.4 51.2 62.2 52.4 52.5 52.7 52.3 GF 4000 53.7 59.9 63.1 64.7 65.9 66.2 55.7 55.5 55.7 67.0 54.4 GE 3500 65.9 50.B 64.1 67.1 67.4 57.7 67.9 57.9 63.2 55.3 GE 52.1 3000 65.8 67.3 69.1 69.3 59.7 59.9 67.9 70.2 GE 67.7 59.7 71.2 2500 56.5 53.4 71.5 71.9 72.2 72.2 72.5 GE 58.0 70.0 75.1 2000 55.7 72.3 73.7 74.3 74.1 74.5 74.7 GE 53.5 75.5 75.5 73.) 1300 70.7 73.1 74.6 74.9 75.3 66.4 78.1 GĒ 1500 73.6 78.5 79.0 79.3 79.4 79.7 50.4 68.9 76.3 ĞÈ 75.3 80.3 90.8 31.9 37.2 1200 61.2 70.2 73.4 31.4 31.8 33.3 GF 1000 51.7 70.9 30.2 82.5 33.0 34.2 34.3 34.7 76.6 35.5 GE 35.5 35.0 900 62.1 71.5 77.3 31.0 83.6 84.2 34.9 GE 800 52.5 72.1 73.5 32.6 35.5 86.1 37.0 97.7 37.8 39.2 87.2 97.9 90.4 GE 700 52.7 72.6 79.3 33.9 39.0 89.9 39.7 91.3 92.0 GE 600 62.3 72.7 79.5 34.4 39.C 88.8 90.3 91.5 ĞĒ 500 52.9 92.0 74.3 72.9 79.9 83.9 90.0 93.4 93.5 34.9 GΞ 90.5 400 62.3 72.9 77.9 35.0 89.3 92.9 94.5 94.8 45.6 72.9 89.5 62.9 93.2 75.0 95.3 GE 300 80.0 **35.1** 90.7 95.4 GE 93.3 95.5 96.3 200 53.0 72.9 80.0 85.1 89.6 90.8 95.3 96.3 95.7 GE 72.9 89.6 90.8 93.3 95.3 100 63.0 80.0 85.1 72.9 30.0 89.6 90.8 95.3 95.7 96.5 ĞÊ 000 63.) 85.1 93.3 

## E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

4=8	LA		··· <del>·······</del>			JRD: NI JRS: ALI		DCT 88			
BILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • •	
;€	ŝE	GE	GF	GE	GE	GE	GE	GE	GE	GË	
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	O	
,	• • • • •	• • • • • • •	• • • • • •		• • • • • •			• • • • • •	• • • • • •		
5.3	45.5	46.6	46.5	46.8	46.9	47.0	47.2	47.2	47.4	47.5	
i.5	51.2	51.3	51.3	51.5	51.7	51.7	51.9	51.9	52.1	52.3	
1.3	51.4	51.5	51.5	51.8	51.9	52.0	52.1	52.2	52.3	52.6	
1.3	51.5	51.6	51.6	51.5	52.0	52.1	52.2	52.2	52.4	52.7	
1.5	51.7	51.3	51.9	52.1	52.2	52.3	52.4	52.5	52.5	52.9	
2.4	52.6	52.7	52.7	52.9	53.1	53.1	53.3	53.3	53.5	53.7	
4.9	55.1	55.3	55.3	55.5	55.7	55.7	55.9	55.9	55.1	55.3	
5.4	55.7	55.3	55.8	55.0	56.2	56.2	56.4	56.4	55.6	55•d	
3.3	59.5	58.6	58.6	58.9	59.0	59.1	59.2	59.3	59.4	59 <b>.7</b>	
9.3	59.5	59.7	59.7	59.9	60.1	60.1	60.3	60.3	60.5	60.8	
9.3	60.0	60.2	60.2	50.4	60.6	60.6	50.8	60.8	51.0	51.2	
1.1	61.3	51.4	61.5	61.7	51.9	61.9	62.1	62.1	52.3	52.5	
2.4	52.0	52.7	62.8	63.0	53.2	63.2	53.4	63.4	63.6	63.3	
6.2	55.5	55.7	56.7	67.0	67.2	57.2	67.4	67.4	67.5	67.8	
7.4	57.7	67.9	57.9	68.2	69.4	68.4	68.6	68.5	68.8	69.1	
9.3	59.7	59.9	69.9	70.2	70.5	70.5	70.7	70.7	70.9	71.1	
1.5	71.9	72.2	72.2	72.5	72.8	72.3	73.0	73.0	73.2	73.4	
4.1	74.5	74.7	74.3	75.1	75.3	75.4	75.6	75.6	75.3	76.0	
4.9	75.3	75.5	75.6	76.0	75.2	76.2	76.4	76.4	76.5	76.8	<del></del>
9.5	79.0	79.3	79.4	79.7	30.0	80.0	90.2	80.2	30.4	80.6	
0.8	31.4	91.9	31.9	82.2	वट.5	82.5	92.7	82.7	82.9	33.1	–
3.5	33.5	34.2	34.3	34.7	85.0	85.0	85.2	85.2	35.4	85.7	
4.2	34.9	35.5	35.6	35.0	86.2	86.3	96.5	86.5	30.7	ძ7.0	
5.1	37.0	37.7	37.8	33.2	88.5	88.5	89.8	83.8	39.0	39.2	
7.9	49.0	49.9	89.9	90.4	99.7	90.7	90.9	91.0	91.2	91.4	
R • ₽	90.3	91.3	91.5	92.0	92.3	92.3	92.5	92.5	72.8	93.1	
0.0	92.0	93.4	93.6	94.3	94.7		95.0			95.5	
3.5	92.9	94.5	94.8	95.6	96.1		95.4		96.7		
0.7	93.2	35.0		95.4		97.1			97.9		
9.8	93.3	75.3	95.5	96.8	97.5		98.3	98.3	98.7	99.2	
0.3	93.3	95.3	95.7	96.3	97.5	97.7	98.4	98.5	99.2	99.9	
ð. 5	93.3	95.3		96.8		97.7			99.2		
• • • • •	• • • • •	• • • • • • •	• • • • • • •	*****	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	

DPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF USAFETAC, ASHEVILLE NO FROM HOURLY TRISERVATION STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA 5. ₹1 LST TO UTC: + 6 40.11 VISIBILITY IN STATUTE MILES CEILING GE GE GE S: GE GE GE GE GF. Ι'n 5 2 FEET 7 2 1/2 1 1/2 45.5 NO CEIL 39.4 42.5 43.5 44.9 45.0 45.5 45.7 45. 41.3 SE 20000 40.5 44.9 47.5 48.2 43.7 45.1 47.5 43.2 43.4 43. SE 18000 40.5 43.7 44.9 45.1 47.5 47.5 43.2 48.2 48.4 43. 15000 47.5 43.2 48.2 48.4 40.5 43.7 44.9 45.1 47.5 43. 49.4 40.5 44.9 49.2 GE 14000 43.7 46.1 47.5 47.6 48.2 45. 50.1 49.4 49.5 50.1 r, J. GE 12000 41.7 45.5 46.8 47.9 50.3 GE 10000 47.0 49.2 49.4 50.8 50.9 51.5 51.5 51.7 51. 43.3 51. 9000 47.1 49.5 50.9 51.0 51.6 43.1 43.3 51.5 51.5 34. 2000 49.2 50.4 51.6 53.0 53.1 53.7 53.7 53.9 44.5 55.5 55.6 GE 50.9 53.2 54.7 54.3 55.3 55. 7000 46.3 52.1 56.7 GE 6000 47.1 51.7 52.9 54.3 55.7 55.8 56.7 55.9 57. 53.3 59.1 35 55.4 53.9 59. 5000 43.3 53.5 55.0 57.3 58.1 49.7 59.1 6,5 4500 54.5 55.3 50.4 57.7 59.4 60.2 60.2 5J. 55.4 4000 53.0 50.1 51.7 54.4 54.7 63.1 53.5 54.4 74. 65.3 GE 65.5 3500 53.5 59.1 62.7 64.1 64.5 65.6 61.0 65. 3000 SE 54.3 51.0 52.9 64.7 66.2 56.7 57.7 57.7 63.0 5 ° . 3E 71.0 2500 57.3 63.5 67.8 69.5 70.0 71.0 71. 56.0 71.3 GE 2000 53.7 65.4 53.0 70.0 71.7 72.2 73.3 73.3 73.5 73. 74.0 72.2 58.9 55.7 72.7 73.7 73.7 1370 53.3 73.4 74. 59.3 75.6 77.3 77.3 77.5 6= 1500 50.3 71.3 73.7 76.1 77. GF 1200 70.2 73.4 78.3 79. A 30.0 30.0 80.2 62.4 76.2 90. e 5 GE 71.0 77.7 30.0 30.4 31.7 31.7 32.0 1000 53.1 74.5 G# 900 53.7 71.7 75.3 79.0 31.5 32.0 33.4 33.4 33.5 33. 35∙ 33.9 35.0 500 53.7 71.3 76.2 33.2 34.3 35.7 36.3 89.0 77.0 81.6 GE 700 64.0 72.3 36.3 86.3 33.5 88.8 39.2 91.5 91. GE 72.4 93.5 91.0 600 64.0 77.7 82.7 37.9 38.7 39.0 39.9 92.0 93. 92.7 GE. 500 64.1 72.3 74.5 33.7 73.3 94.5 GE 400 72.8 92.7 93.9 94. 54.1 73.7 84.0 37.3 90.3 94.7 75.7 64.1 76. 300 72.3 78.7 34.1 39.4 90.7 93.4 95.1 96. 93.4 G€ 200 72.3 78.7 89.4 90.7 96.2 64.1 84.1 89.4 95.3 95. 93.4 96.5 78.7 90.7 GE 100 72.3 84.1 64.1 90.7 93.4 95.3 35 73.7 96. 000 64.1 72.9 84.1 39.4 75.5

1

CY OF OCCURRENCE OF CEILING VERSUS VISIBILITY OF HOURLY DESERVATIONS

			PERIOD HONTH:	OF REC	JRD: N'	JV 78 -	DC1 38			<del></del>
• • •		• • • • • •	• • • • • • •	<u> </u>	13073.	• • • • • •			•••••	
N . S	STATUTE SE	MILES GE	GE	GE	GE	Gξ	GE	GE	G€	
	1 1/2	1 1/4	1	3/4	5 <b>/</b> 8	1/2	3/8	1/4	ა <del>ა</del>	
	1 1/6	1/7					37.3	***		
5	45.5	45.7	45.3	46.2	46.2	46.4	45.4	46.5	46.9	
2	43.2	43.4	43.5	48.9	48.9	49.1	49.1	49.5	49.7	
<u>-</u>	48.2	43.4	43.5	48.9	43.9	49.1	49.1	49.5	49.7	
-	49.2	49.4	48.5	48.9	48.9	49.1	49.1	49.5	49.7	
2	49.2	43.4	48.5	48.9	48.9	49.1	49.1	49.5	49.7	
l	50.1	50.3	50.4	50.8	50.9	51.0	51.0	51.4	51.5	
5	51.5	51.7	51.8	52.2	52.2	52,4	52.4	52.8	53.0	
<u>)</u> 7	51.6	51.8	51.9	52.3	52.3	52.5	52.5	52.9	53.1	
7	53.7	53,9	54.1	54.4	54.4	54.7	54.7	55.0	55.2	
ó	55.6	55.3	55.7	56.3	56.3	56.5	56.5	56.9	57.1	
•	56.7	55.9	57.0	57.4	57.4	57.6	57.6	58.0	58.2	•
)	53.9	59.1	39.2	59,6	59.6	59.8	59.8	60.2	60.4	
' 	60.2	50.4	50.5	60.9	60.9	51.1	51.1	51.5	61.7	
•	54.4	54.7	54.8	55.1	55.1	55.4	65.4	65.7	55.0	
)	55.5	65.3	65.0	65.3	66.3	65.5	65.5	66.9	67.1	
•	57.7	63.0	63.1	63.4	63.4	63.7	68.7	59.0	59.3	
)	71.0	71.3	71.4	71.7	71.7	72.0	72.0	72.3	72.5	
}	73.3	73.5	73.5	74.0	74.0	74.2	74.2	74.6	74.3	
,	73.7	74.0	74.1	74.4	74.4	74.7	74.7	75.0	75.3	
3	77.3	77.5	77.5	73.0	73.0	73.2	73.2	78.6	78.3	
,	30.0	80.2	80.3	80.7	33.7	30.9	80.9	91.3	31.5	
į	31.7	32.0	32.1	32.4	82.4	82.7	82.7	83.0	83.3	
	33.4	33.5	33.7	34.1	34.1	84.3	34.3	84.7	84.9	
,	35.0	36.3	85.5	36.3	86.9	87.3	87.0	87.4	87.6	
5	38.3	33.2	89.4	39.3	49.8	90.0	90.0	90.3	70.6	=
i	91.0	91.5	91.3	92.1	92.1	92.3	92.3	92.7	92.9	
<b>)</b>		73.3					94.1		94.8	
<u>,                                     </u>	93.9	94.5	94.7	95.1	95.1	95.4	95.4	95.9	96•2	
	94.7									
٠.	95.1	95.2	96.5	97.3	97.3	97.6	97.8	98.4	98.9	
•	95.3	96.5	96.8	97.5	97.6	93.1	98 • 2	98.9	99.6	
•	75.3	76.5	96.8	97.6	97.6	99.1	98.2	99.1	100.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CI FROM HOUSEY OBSERVATIONS

STATION	UMBER:	747540	LST	יסדעי פוד	+ 6	AFB GRA	<u> </u>			वहरा । अप्रमान
CEILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	· · · ·	/ISIBILI	* * * * * * * * * * * * * * * * * * *	STATUTE	MILES	• • • • •
IA	GE	3Ē	SΕ	ĜĔ	GE '	713161EL	3.	5E	GILLO GE	· 32
FEET	7	5 5	5	4	3 <u>-</u> 3	2 1/2	<b>3</b> = 2		1 1/4	1
						2 1/2				
• • • • • • • • •	• • • • • •		•••••	*****	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	
NO CEIL	32.0	35.1	37.1	37.8	39.5	39.7	40.0	40.0	40.0	40.5
GE 20000	33. Ч	37.1	39.5	40.3	42.3	42.4	42. )	42.9	42.9	43.3
SE 13000	33.3	37.1	39.5	40.3	42.3	42.4	42.9	42.9	42.9	43.3
GE 15000	33.3	37.1	39.5	40.3	42.3	42.4	42.3	42.9	42.9	~43.2
GE 14000	33.3	37.1	39.5	40.3	42.3	42.4	42.9	42.9	42.9	43.31
GE 12000	34.3	37.7	40.0	40.9	42.9	43.0	43.5	43.5	43.5	43.
6T 10000	35.5	37.0	41.3	42.2	44.2	44.3	44.3	44.8	44.3	45.2
SE 9000	35.7	39.2	41.5	42.4	44.4	44.5	45.0	45.0	45.1	45.
19F 13035	37.2	- कंडे हैं	43.1	44.1	45.1	46.2	45.5	45.5	45.5	47.1
GE 7000	33.0	41.5	44.1	45.2	47.2	47.3	47.3	47.7	47.9	4.2.
SE 4000	33.7	42.5	45.1	45.5	48.5	43.3	49.2	= 47.4	43.4	45
							, , , ,		. , •	
SE 5000	40.3	44.1	45.5	45.I	50.1	50.2	50.5	50.8	50.s	51.
GE 4500	41.5	45.5	43.1	49.6	51.6	51.7	52.2	52.3	52.3	52.
6E 4000	43.2	47.7	50.3	52.4	54.5	55.0	55.5	55.3	TAR. 5	· 5 • 1
รส์ 3500	44.6	+9.1	52.3	53.9	55.1	56.5	57.0	57.1	57.1	57.
3F 3000	45.3	50.3	54.3	55.2	53.5	59.0	53.5	59.5	20.2	50.1
<b>3</b> E <b>25</b> 00	/ 7 · )	53 <b>3</b>	56.7	m 5 <b>-</b>	4 1 A	(1 5	63.0	63 1	40.1	
	47.2	52 <b>.7</b>	59.5	53.7	61.0	51.5	52.0	52.1	52.1 65.3	
GE 2000 GE 1300	49.7	55.5 55.7		61.6	54.0	54.4	54.7	55.3 55.7	55.7	53.3
GE 1500	51.3	58.4	63.3	65.5	54.3 58.2	54.8 53.8	55.4 59.6	70.0	70.0	70.5
5E 1200	53.4	50.4	55.3 55.3	63.9	72.0	72.5	73.4	73.9	73.9	74
95 1279	23.4	<b>⋽</b> ₩#	ეე•J	75.7	12.0	12.5	10.4	13.7	, , ,	
GE 1000	54.3	51.7	53.3	71.4	74.7	75.3	75.3	75.8	75.3	77.4
65 900	55.2	53.0	70.0	73.7	77.4	73.0	79.2	79.6	79.5	30.
GE 300	55.3	64.3	71.7	75.1	30.6	31.2	52.3	P3.2	33.2	~3.7j
GE 700	56.1	55.3	74.1	79.0	83.7	84.6	95.7	36.9	86.7	57.6
GF 600	55.1	55.5	74.6	79.7	95.4	36.3	65.0	39.2	39.2	30.3
C= 605	ا الله	<b>75.</b> 0	75.5	30.8	34 6	ء <b>ا</b> د	63.7	90.6	an.6	71.4
61 500 60 (00	55.3				36.5	ქ <b>7.</b> 5	57.4			0.2
- GE - 400 - GE - 300 **	- 55•3 52-3	55.1 35.1	75.9 75.9	81.3	37.4 87.5	98.7 93.8	<del>90.</del> 9	92.3 92.8	92.3 93.1	93.2 94.1
									93.5	74 • 1 94 • 7
		56.2	76.0	81.5	97.6	38.9	91.5		93.5	
GT 100	56.4	55.2	76.9	31.5	37.5	33.9	91.5	73.4	13.5	74.)
G# <b>j</b> 00	56.4	55.2	75.0	81.5	87.6	98.9	91.5	93.4	93.6	94.9
• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •		• • • • • •	• • • • • •	• • • • • •	

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUSEY OBSERVATIONS

AFE	- L 1				OF REC			OCT Bo		
		. <b></b>		<b>MJ414:</b>	FER F	139251	)3 <del>~</del> 05			
TLI	TY IN	STATUTE	MILES		• • • • • •			• • • • • • •		••••
	<u> </u>		3-7	GΞ	ΞĚ	<b>G</b> 5	ŚĒ	63	βĒ	3.5
16		1 1/2	1 1/4	<u> </u>	3/4	5/3	1/2	3/3	1/4	<u> </u>
• • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • •
7		( a . a	(3.3	50 5	/ O S	/ A 5 '	7.1.1	/ 1 <b>1</b>	41.2	41.0
?	40.0	40.0	40.0	40.5	47.5	40.5	41.1	41.1	41.6	41.9
4	42.3	42.7	42.9	43.3	43.3	43.3	43.9	43.9	44.1	44.0
4	42.)	42.9	42.9	43.3	43.3	43.3	43.9	43.9	44.1	44.3
•	42.7	42.7	42.3	43.3	43.3	43.3	43.9	43.9	44.1	44.3
4	42.9	42.7	42.9	43.3	43.3	43.3	43.9	43.9	44.1	44.9
(1)	43.5	43.5	43.5	43.9	43.7	43.9	44.5	44.5	44.5	45.3
<b>,</b>	6.5	11. 2	A A - 3	<i>(</i> , 5, 2)	45 3	4.6. <b>)</b>	7. E. C.	15 3	5 0	/ <b>L</b> L
3 5	44.3	44.8 45.0	44.3 45.1	45.2 45.5	45.2 45.5	45.2 45.5	45.3 45.1	45.3 45.1	45.9 45.2	45.6 45.9
2	45.5	45.5	45.5	47.1	47.1	47.1	47.7	47.7	47.3	43.5
3	47.3	47.7	47.9	44.4	49.4	43.4	49.0	49.0	49.1	49.5
3	43.2	47.4	47.4	49.5	49.3	49.3	50.4	50.4	50.5	51.2
2	53.5	50.8	50 <b>,</b> 8	51.2	51.2	51.2	51.5	51.8	51.9	52.7
. 7	52.2	52.3	52.3	52.3	52.3	52.8	53.4	53.4	53.5	54.2
, )	55.5	55.6	55.5	55.1	56.1	56.1	55.7	56.7	56.8	57.5
, f	57.0 54.5	57.1 59.5	57.1 59.5	57.5	5 <b>7.</b> 5 50 <b>.1</b>	57.6 60.1	53.2	53.2	58.3 40.0	59.0
1.2	9 • •	77.3	2.4.4	50.1	30 • 1	00.1	60 <b>.7</b>	50.7	50.8	61.5
	52.1	52.1	52.1	52.7	52.7	52.7	63.3	53.3	53.4	54.1
, 4,	64.7	65.3	55.3	55.3	65.3	55.3	65.4	66.4	55.5	57.3
. ~,	55.4	55.7	55.7	55.3	55.3	35.3	65.9	56.9	57.0	57.7
77	90.5	70.0	77.7	79.5	70.5	70.6	71.1	71.1	71.3	72.0
ر• ،	73.4	73.9	73.7	74.4	74.4	74.4	75.0	75.0	75.1	75.7
. 3	<b>7</b> 5.3	75.8	75.3	77.4	77 4	77.4	79.0	7.1.0	7 1	73.3
, C	79.2	79.s	73.6	30.2	77.4 90.2	77• <del>4</del> ₹0•2	%, A	73.0 30.3	75.1 30.9	31.5
2	a 2 • 3	= 3.2	33.2	य3.7	33.7	च3.7	34.3	34.3	54.5	35.2
. •,	93.7	36.9	86.7	57.6	67.5	37.6	33.2	83.2	98.3	59.0
3	F. 1.0	34.2	39.2	90.0	90.3	90.3	91.0	91.0	91.2	91.7
<b>,</b>	1.4	99.5	20.6	71.4		91.8			92.5	93.4
. <b>7</b>	90.3	92.3	92.3	93.2	23.5	93.5	94.2	94.2	<u>94.3</u>	95.5 35.5
. n	91.2		73.1 93.6					95.5 97.3		
	31.3			74.7	95.5				97.4	99.1 99.3
,	7 % 4 1	7 7 9 7	* <b>J</b> • O	7 <b>~ 7</b>	7 J 🖣 J	7,7 • 7	13.1	7 ( 6 3	7 1 • `7	7763
. 🤈	71.5	93.4	93.6	74.9	95.5	95.6	75.5	97.4	97.5	100.5
			• • • • • •	• • • • • •						

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

# PERCENTAGE FREQUENCY OF OCCURRENCE OF C. FROM HOURLY DESERVATIONS

STA	TION	NJM@ुर:	747540	LST	TO UTC	+ 6	LAND AFB	LA			हिहेर्गः अक्षाम्
CET	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		VISIBILI	TY IN	STATUTE	MILES	• • • • • •
I		6¢	3.5	٥٤ <sup></sup>	ĠE		GE	Ge	GE.	GE	Se
គត្		7	5	ž	4	3	2 1/2	2		1 1/4	1 1
	• • • •		• • • • • • •								
43	CSIL	22.0	25.3	27.9	30.2	32.2	32.5	33.2	34.2	34.2	34.5
									<u></u>		,
	20000		27.4	30.5	33.0	35.0	35.3	35.4	37.5	37.5	37.
	1400 15000		27.4	37.5	33.0	35.0	35.3 35.3	35.4	37.5	37.5	37.4
			27.4	30.5	33.0	35.0		35.4	37.5	37.5	
	14000 12000		27•7 23•4	30.7 31.4	33.2 33.9	35.2 35.9	35.5 36.3	36.5 37.3	37.7 38.4	37.7 33.4	34.2 35.9
0.2	1230.	7 23.0	4 3 • M*	71.4	32.7	33.9	20.5	21.3	20 • ₩	J 7 • •	32.7
G٢	10000	26.5	30.3	33.5	35.9	33.2	38.5	34.6	40.6	40.5	41.2
Ŝ.	3030		31.0	34.2	36.5	38.9	39.2	40.3	41.3	41.3	41.
3.5	3550		31.3	~35.2~	37.7	40.0	40.4	41.5	42.6	42.5	43.2
G۶	<b>7</b> 000	29.6	32.4	35.8	33.4	41.0	41.3	42,4	43.6	43.5	44.2
SE	6000	29.5	33.7	37.2	40.2	42.3	43.1	44.2	45.3	45.3	45.7
3.5	5000		34.9	38.4	41.7	44.3	44.5	45.7	47.0	47.0	→7. %
3.5	45)		္ခ်ိဳ့ခု ေရွ်	40.4	43.1	45.3	45.5	47.7	49.0	49.0	49.5
33	4000		37.5	43.9	47.3	43.9	50.3	51.5	52.9	52.7	53.3
GE	3500		40.4	45.2	49.8	51.5	51.9	53.1	54.4	54.5	55.1
35	3000	35.5	41.5	46.3	50.1	53.4	53.3	55.0	56.4	56.5	57.1
ĵ	<b>2</b> 500	35.7	43.2	48.3	52.3	55∙d	56.3	57.5	59.0	5 O 1	59.7
gi Gi	2000		45.7	51.1	55.7	59.3	50.3	61.5	53.1	59 <b>.1</b> 53 <b>.3</b>	63.
3.:	1900		45.2	51.5	56.2	50.4	30.7	32.2	53.5	54.0	54.5
92	1500		19.2	55.1	50.2	54.7	55.1	55.2	63.4	53.6	5).1
Śξ	1200		51.0	57.7	53.1	53.0	68.4	70.2	72.)	72.1	72.7
•			7.00			,,,,,	, ,				
<b>~</b> -	1000	43.4	51.3	53.7	54.7	70.1	70.7	72.7	74.5	74.7	75.3
3.7	<b>∌</b> o :	45.7	53.5	50.4	57.1	72.6	73.3	75.4	77.4	77.5	75.1
35	300	45.1	33.9	51.1	64.4	74.3	75.6	73.7	30.3	41.0	~ \$1.5
95	70:	45.7	54.7	52.3	70.1	77.3	78.2	31.5	83.6	33.0	£4.5
υĒ	500	45.7	55.1	53.1	71.3	79.3	0.0°	33.4	95.9	85.1	£5.4
2.5					•				3 3 2		
95	500		5.2	53.5	72.4	30.4	31.7	35.5	33.9	43.5	73.1
3.E	4)		55.2	53.5	72.4	30.7	32.1	27.2	93.0 90.7	<u> ३०.२</u> च्या.व	92.2 93.3
63 65	300 200		55.2 55.2	63.7	77.8	21.3	82.7	37.3	30.7		
GΞ	100		ગગ•ય 55•ટે	63.7 63.1	72.5 72.3	81.3 31.3	82.7 82.7	37.7	90.7		93.5
191_	1.00	7 7 € 1	111€ €	3241	16.63	2 2 4 3	:₹, ● ₹	) f • ·	2 3 8 1	/ L • /	× · •
96	200	45.5	57.2	53.7	72.3	1.3	92.7	37. S	20.7	91.5	93.5
									• • • • • • •		
											<del>-</del>

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

D AFB	LA			PERIOD HONTH:	DF REC	1903: NI 1903: S		UCT 83		
13161	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
GE	SE.	ĞĒ	GE .	GE	GE	GE	3 E	GE	GE	GE
2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	<b>3/</b> 8	1/4	<b>o</b>
			• • • • • •	• • • • •			• • • • • •	• • • • • •	• • • • •	• • • • •
				****** ****						
32.5	33.2	34.2	34.2	34.5	35.0	35.0	35.5	35.5	35.7	36.0
n # 2	35.4	37.5	37.5	37.9	33.4	38.4	38.9	33.7	39 <b>.</b> 1	39.3
35.3 35.3	35.4	37.5	37.5	37.9	33.4	38.4	33.9	38.7	39.1	39.3
33.3	35.4	37.5	37.5	37.9	38.4	33.4	33.9	38.9	39.1	39.8
35.5	36.5	37.7	37.7	33.2	38.6	38.6	39.1	39.1	39.3	40.0
35.3	37.3	38.4	39.4	38.9	39.3	39.3	39.8	39.9	40.0	40.3
, , ,	31.5	.70 € ₹	J 74 Y	33.0	J , • J	37.5	J, • 0		, 0 • 0	
3.5	31.6	45.6	40.5	41.2	41.7	41.7	42.2	42.2	42.4	43.1
19.2	40.3	41.3	41.3	41.9	42.4	42.4	42.9	42.9	43.1	43.8
0.4	41.5	42.6	42.5	43.2	43.7	43.7	44.2	44.2	44.4	45.1
1.3	42.4	43.6	43.5	44.2	44.5	44.6	45.1	45.1	45.3	46.1
3.1	44.2	45.3	45.3	45.9	45.4	46.4	45.9	45.3	47.1	47.8
4.5	45.7	47.5	47.0	47.5	43.1	48.1	43.5	48.5	48.3	49.5
5.5	47.7	49.0	49.0	49.5	50.1	50.1	50.5	50.5	50.3	51.5
0.3	51.5	52.8	52.9	53.5	53.9	53.9	54.4	54.4	54.7	55.4
1.9	53.1	54.4	54.5	55.1	55.5	55.6	55.1	56.1	56.3	57.0
3.3	55.0	56.4	56.5	57.1	57.6	57.6	58.1	58.1	58.3	59.0
			الماديد	ragar arr		a and the state of	- : = : =			
5.3	57.5	59.0	59.1	59.7	50.2	60.2	65.7	50.7		51.6
0.3	51.5	53.1	53.3	63.9	54.4	54.4	54.9	54.9	05.1	55.8
5.7	32.2	53.8	54.0	54.5	65.1	65.1	65.6	65.6	55.8	65.5
5.1	55.a 70.2	68.4 72.0	69.6 72.1	59.1 72.7	59 <b>.7</b> 73 <b>.</b> 3	53.7 73.3	70.2 73.7	70.2 73.7	70.4 74.9	71.1 74.7
3.4	10.2	12.0	12.1	14.1	13.3	13.3	13.1	13.1	( % • )	14.1
0.7	72.7	74.5	74.7	75.3	75.9	75.4	75.3	76.3	76.5	77.3
3.3	75.4	77.4	77.5	73.l	78.7	79.7	79.2	79.2	79.4	30 <b>.</b> 1
	73.7	न्य न	31.0	31.5	82.2	32.2	32.7	32.7	32.9	33.6
9.2	31.5	33.5	33.9	84.5	35.0	35.0	35.5	85.5	95.7	36.5
0.0	33.4	35.9	85.1	85.A	87.4	37.4	30.0	39.0	38.2	86.9
·			3.7.2	. • •		•	. •	•		
1.7	35.5			70.3	91.3	91.3	91.9	91.9	72.2	93.1
2.1	27.2	99.0	90.8	32.2	93.2	93.3	93.9	94.0	94.3	95.5
2.7	37.5	90.7	91.9		94.5	94.6	95.2	95.3		76.9
	<b>37.</b> ?	30.7	91.9					96.3		79.3
2.7	37.3	90.7	91.3	93.5	95.2	95.4	95.8	97.3	22.2	100.0
	_									
12.7	47. S	20.7	91.5	93.5	95.2	95.4	95.5	77.3	95.0	100.0

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY DESERVATION

STATION	NUMBER	रः 747540		TION NAM		LAND AFB	LA			MD14
CEILING				• • • • • • •	• • • • • •	VISIBILI	TY IN	TATHE	MILES	•••••
LA	Ge	GE	วะ	GE .	GE	GE ATSTRICT	58	SE	GE	: 1
E E   T	7		5	4	3	2 1/2	2		1 1/4	- ' <b>i</b>
						2 1/2				
•••••	•••••	, • • • • • • • • •	••••		, • • • • • •	••••	••••	•••••		1
NO CEIL	25.1	31.0	34.2	35.5	35.4	36.0	36.6	36.6	36.5	36.
SE 2000	23.3	35.3	38.9	40.3	41.6	41.9	41.3	41.9	41.9	42.
GE 1900			39.0	40.9	41.7	42.0	42.0	42.0	42.0	42.
GE 1500			39.3	41.2	42.0	42.4	42.4	42.4	42.4	- 43.
GE 1400			39.3	41.2	42.2	42.5	42.5		42.5	42.
GE 1200			40.4	42.3	43.3	43.7	43.7	43.7	43.7	43.
SE 1000	0 30.3	37.9	42.4	44.5	45.3	46.2	45.2	45.3	46.3	45.
SE 900			43.7	45.8	47.1	47.5	47.5	47.5	47.5	47.
SE 300			45.6	47.3	49.1	49.5	47.5	49.5	47.5	49.
GE <b>7</b> 00			46.5	49.1	50.4	50.8	50.3	50.9	50.9	51.
GE 600			43.2	50.6	52.4	52.8	52.3	52.9	52.9	5.7
95 5 <b>)</b> 0	00 35.0	) 44.4	49.5	52.2	54.1	34.4	54.4	54.5	54.5	54.
GE 450		4 45.9	51.1	53.7	55.6	55.9	55.9	55.1	55.1	56.3
GE 400			53.5	50.2	53.1	58.4	55.4	53.5	58.5	59.1
GE 350			54.7	57.8	59.7	50.1	50.1	60.2	50.2	69.
GE 300	00 39.6		56.9	60.4	62.4	62.9	52.3	53.0	<b>53.</b> 0	43.0
SE 250			53.5	63.4	65.5	55.3	65.0	55.3	56.3	4,,,,
SF 200		5 53.7	50.5	54.3	67.4	67.3	53.0	68.3	64.3	30.4
3F 140			51.7		63.6	59.0	57.1	57.6	57.5	50.7
GE 150			65.3	70.0	73.0	73.6	73.7	74.2	74.2	74.1
GE 120	00 45.		68.1	73.1	76.4	77.0	77.1	77.6	77.5	77.7
GE 100	99 45.5		59.4	74.3	73.9	79.5	79.3	~~37 <b>.7</b>	30.7	30.
SF 90			70.4	75.1	30.2	80.5	81.2	52.2	32.2	32.
ଓଡ଼ିଆ ଅଧି	00 47.3		71.5	77.5	32.5	33.5	34.7	35.9	36.0	35.1
UE 70			72.3	77 3	95.2	36.2	99.2	39.6	99.9	٩ņ.:
GE 60			72.8	• 0	35.5	97.5	39.3	91.4	91.9	92.1
<b>9</b> 1 50	01 47.5	5 53.4	72.9	80.1	30.9	88.5	91.4		93.6	94.
GE 40		5 53.4	73.0	30.J	87.4	49.3	92.2	94.5	35.4	95.
<b>5</b> 5 30	99 47.		73.0	30.3	37.4			94.9		
SE 20					37.4			95.1	95.1	97.4
08 10					37.4			95.1	95.1	97.4
sa ob	)) 47.	5 53.4	73.0	90.3	37.4	39.3	92.5	75.1	96.1	17.4
		· · · · · · · · · ·						• • • • • • •		• • • • •

TOTAL NUMBER OF DESERVATIONS 849

## FROM HOURLY DESERVATIONS

140 AFB	LA			PERIOD MONTH:		ORD: NO	OV 78 -	JCT 90			
1	TV INI	STATUTE	**************************************	• • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • •	
SESTEE	SE	GE	GE	GE	GE	GE	3E	GE	υE	3 E	
	2		1 1/4		3/4	5 <b>/</b> 8	1/2	3/8	1/4	0	
2 1/2	<u>_</u>	1 1/2				.,,,,	1/2		1/7		
,									•••••		
36.5	36.6	36.6	36.6	36.7	36.9	36.9	37.0	37.0	37.0	37.0	
41.9	41.9	41.9	41.9	42.0	42.2	42.2	42.3	42.3	42.3	42.3	
42.3	42.0	42.0	42.0	42.2	42.3	42.3	42.4	42.4	42.4	42.4	
42.4	42.4	42.4	42.4	42.5	42.6	42.6	42.3	42.3	42.8	42.8	
42.5	42.5	42.5	42.5	42.5	42.8	42.3	42.9	42.9	42.9	42.9	
43.7	43.7	43.7	43.7	43.3	43.9	43.9	44.1	44.1	44.1	44.1	
45.2	45.2	45.3	46.3	46.4	46.5	46.5	45.5	45.5	45.6	45.5	
47.5	47.5	47.6	47.5	47.7	47.9	47.8	47.9	47.3	47.9	47.9	
49.5	47.5	49.6	49.5	49.7	49.8	49.8	49.9	49.9	49.9	49.9	
50.9	50.3	50.9	50.9	51.0	51.1	51.1	51.2	51.2	51.2	51.2	
52.8	52.3	52.9	52.9	53.0	53.1	53.1	53.2	53.2	53.2	53.2	
54.4	54.4	54.5	54.5	54.7	54.8	54.3	54.9	54.9	54.9	54.9	
55.9	55.9	55.1	55.1	56.2	56.3	56.3	55.4	55.4	_		
58.4	55.4	53.5	58.5	53 <b>.7</b>	58.8	55•8	58.9	55.9	55.4 58.9	56•4 58•9	
50.1	50.1	50.2	50.2	60.3	50.4	50.4	60.5	60.5			
52.9	52.8	53.3	53.0	63.1	53.3	63.3	63.4	63.4	53.4	53.4	
74.●	J C • ()	99.0	9940	03.1	0000	0343	00.4	05.4	93.4	99.4	
55.3	65.0	56.3	56.3	56.4	56.5	66.5	65.7	66.7	55.7	-55.7°	
67.3	53.0	68.3	65.3	58.4	68.6	68.6	68.7	68.7	58.7	69.7	
59.0	59.1	57.6	59.5	59.7	59.8	59.3	70.0	70.3	70.0	70.5	
73.6	73.7	74.2	74.2	74.3	74.4	74.4	74.6	74.5	74.6	74.6	
77.0	77.1	77.6	77.6	77.7	77.9	77.9	73.0	78.0	79.0	78.0	
79.5	79.3	30.7	30.7	_8 <u>0</u> •8	80.9	80.9	81.0	81.0	81.0	81.0	
80.5	81.2	52.2	32.2	32.3	32.4	82.4	R2.5	82.5	82.6	82.6	
3.5	34.7	35.9	36.0	25.1	86.2	36.2	86.3	86.3	35.3	85.3	
36.2	89.2	39.6	99.8	90.1	70.3	90.3	90.5	90.5	90.5	90.5	
37.5	39.3	91.4	91.3	92.1	92.5	92.5	92.6	92.5	92.5	92.5	
An.5	91.4	93.2	93.6	94.2	94.6	94.6	94.7	94.7	74.7	94.7	
39.0	32.2	94.5									
	92.5	94.9	75.7	77.2	97.9	97.0	96.6 93.1	38.1	98.2	93.2	
9.3	92.5		96.1			98.4	93.6	98.5		99.4	
		95.1	96.1	97.4	99.4	93.4	98.7	98.3		100.0	
	92.5		96.1	77.4			93 <b>.7</b>				
· · · · <u>· · ·</u>	• • • • •	• • • • • • •	• • • • • •	• • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY OBSERVATION

	CEILING	•••••	, <b></b>	. • • • • • •		•••••	VISIBILI	TYIN	STATUTE	MILES	
-	IN	- GÉ	ĞĒ	GE	GE	GE.	GE	SE	GE	ĞΞ	
	FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	
	• • • • • • •	• • • • • • •			• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • • •	
,	NO CETE	32.9	38.3	39.9	40.5	40.8	40.8	40.3	40.9	40.9	4′;
	GE 20000		45.3	47.2	47.R	43.1	48.1	48.1	48.1	43.1	4
	GE 13000		45.3	47.7	43.3	43.5	48.5	43.5	48.5	43.5	4
	GE 15000		45.1	47.9	48.5	43.8	48.3	43.3		48.9	4
	GE 14000		45.1	47.9	43.5	43.8	48.8	43.3	49.8	45.3	4.
(	GE 12000	9.5	47.0	49.1	49.7	49.9	49.9	49.9	49.9	49.9	4
	GE 10000		50.2	52.5	53.2	53.7	53.7	53.7	53.7	53.7	5
	95 <b>9</b> 000		50.9	53.2	53.7	54.4	54.4	54.4	54.4	54.4	5
	GE 5000		52.5	54.9	55.5	55.1	56.1	55.1	55.1	55.1	5
	GE 7000		53.3	56.3	57.0	57.5	5 <b>7.</b> 5	57.5	57.5	57.5	3
(	GE 6000	46.3	54.8	57.2	58.0	59.0	59.0	59.5	59.0	59.0	5.
	GE 5000	47.5	55.6	53.2	59.1	50.2	60.2	50.2	50.2	60.2	5
	GE 4500		50.4	59.0	50.1	61.1	51.1	61.1	61.1	51.1	5
	35 4000		53.7	51.2	52.3	53.5	53.5	53.5	53.5	53.5	5.
	GE 3500		50.3	53.1	54.2	65.4	55.4	65.5	55.5	<b>&gt;5∙</b> 5	"
(	GE 3000	53.7	<b>53.7</b>	66.9	58.1	59.3	59.3	69.4	59.4	59.4	5
	GE 2500	55.5	60.1	69.7	70.9	72.3	72.3	72.4	72.4	72.4	7
	GE 2000		59.1	72.9	74.2	75.9	76.0	75.1	76.1	75.1	7
	COST TROD		70.2	74.5	75.3	77.0	77.1	77.3	77.3	77.3	7
	SE 1500		72.4	75.2	78.3	80.2	83.3	80.4	30.6	30.5	9
į	6E 1200	50.8	74.4	79.2	81.9	84.0	84.1	94.7	84.8	34.9	Ŋ,
(	GE 1000	31.4	75.5	30.4	33.5	35.3	36.6	*37.5	97.9	87.7	3
	SE 400		76.0	31.2	84.5	87.9	33.2	89.3	39.5	39.5	. و
	CE THADO		76.5	31.7	35.4	33.9	70.3	91.5	92.2	15.2	
	GE <b>7</b> 00		77.1	32.5	35.3	91.3	92.0	94.5	75.1	75.4	3
(	GE 500	52.2	77.1	32.7	86.8	92.1	93.3	95.9	76.5	95.9	0
	GE 500		77.1	82.7	87.0	92.6	93.9	97.3	98.1	98.5	3
	GF 400		77.1	32.7	87.0	92.6	93.9	97.4	98.4	39.)	7
	SETT 300		77.1	32.7	37.0	72.6	94.5	97.5	93.7	39.3	3
•	200		77.1	32.7	87.0	92.6	94.0	97.5	93.7	99.3	3
(	GE 100	62.2	77.1	32 <b>.7</b>	87.0	92.6	94.0	97.5	98.7	79.3	q

## REPOUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

) AFB	ΙΔ			PERTIO	INF REC	ORD: N	10V 73 -	OCT 88	· · · · · · · · · · · · · · · · · · ·		
				MONTH:		HOURSE					
	• • • • •			• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
		STATUTE		— — <u>» — · · · · · · · · · · · · · · · · · · </u>	·						
)E	GE	GE	GE		GE	GE	5E	GE	GE 1.44	7.E	
1/2	22	1 1/2	1 1/4	1	3/4	5/3_	1/2	3/8	1/4	0	
	• • • • • •	• • • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •		••••	•••••		
8 • C	40.3	40.9	40.9	40.3	40.8	40.3	40.8	40.9	40.8	40.8	
3.1	48.1	48.1	43.1	48.1	49.1	43.1	43.1	43.1	43.1	48.1	
3.5	43.5	48.5	48.5	48.5	43.5	48.5	43.5	43.5	48.5	43.5	
3.3	43.3	43.8	48.8	48.8	43.8	43.8	49.8	48.3	43.8		
3.3	43.3	49.8	45.3	48.8	48.8	48.B	43.3	48.8	43.8	48.3	
9.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	
3.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7			53.7	
4 • 4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
6.1	55.1	55.1	55.1	55.1	56.1	56.1	56.1	56.1	56.1	56.1	
7.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	
9.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
0.2	50.2	50.2	60.2	60.2	30.2	60.2	50.2	60.2	60.2	30.2	
1.1	61.1	51.1	51.1	51.1	51.1	61.1	51.1	61.1	61.1	61.1	
3.5	53.5	33.5	53.5	53.5	63.5	63.5	63.5	63.5	63.5	63.5	
5.4	65.5	55.5	55.5	55.5	65.5	65.5	<b>65.</b> 5	55.5	65.5	<b>55.</b> 5	
9.3	59.4	59.4	59.4	59.4	59.4	69.4	69.4	59.4	69.4	69.4	
2.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
6 <b>.</b> 5	75.1	76.1	76.1	75.1	76.1	76.1	76.1	76.1	75.1	76.1	
7.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
3.3	43.4	80.6	30.5	30.5	80.6	90.6	80.6	80.6	80 <b>∙6</b>	80.5	
4.1	84.7	84.B	94.9	84.9	34.9	84.9	94.9	34.9	B4.9	34.9	
5.5	37.5	37.9	87.9	87.9		37.9					
3 • 2	87.3	39.5	39.6	39.5	89.6	39.5	89.6	39.5	89.6	39.6	
0.3	71.3	92.2	35.5	92.7		92.7	92.7	92.7	92.7	72.7	
2.5	94.5	35.1	75.4	₹5.8	95.8	95.8	95.8	95.8	95.8	95.3	
3.3	95.9	96.5	95.9	97.3	97.3	77.3	97.3	97.3	97.3	97.3	
3.9	97.3	98.I	98.5	99.9	98.9	98.9	98.9	98.9	98.9	7P.9	
3.7	97.4	98.4	79.7	79.3	99.4	99.4	99.4	99.4	99.4	99.4	
4.5	97.5	93.7	79.3	वव्रु न	99.9	99.9	99.9	99.9	99.9	99.9	
4.0	97.5	93.7	79.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
4.0	97.5	98.7	99.3	99.3	100.0	100.0	150.5	100.0	100.0	100.0	
4.0	57.5	98.7	99.3	99.a			100.0			130.0	
	• • • • •		• • • • • •	• • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • •	

UPEPATIN USAFETAC					PERCE	NTAGE FR		Y JF DCC HJURLY		
STATION	N JMBER:	747540		TION NAM		LAND AFE	LA			PERTO MONTHE
CETTANO	• • • • • • •		• • • • • •	• • • • • •	• • • • • • • •		TV 112	STATUTE	MILES	• • • • • • • • •
CEILING	GĒ	G-	G€	<u>s</u> r	ĞÉ	GE AT 2T STET		STATUTE	GF.	gę.
EEL <b>T</b>	7	5	5	4	3			1 1/2		i
										1
NO CEIL	33.5	38.4	41.1	41.3	41.5	41.5	41.5	41.5	41.5	41.5
GE 20000	41.3	48.3	51.1	51.4	51.5	51.5	51.5	51.5	51.5	51.5
GE 13000		43.6	51.5	51.7	51.3	51.8	51.3	51.3	51.3	51.5
GF 16000		43.8	51.5	51.3	51.9	51.9	51.9	51.9	51.4	51.3
GE 14000		49.2	52.1	52.3	52.4	52.4	52.4	52.4	52.4	52.4
GE 12000	44.2	51.0	53.8	54.3	54.4	54.4	54.4	54.4	54.4	54.4
SE 10000	45.4	54.3	57.1	57.5	57.7	57.7	57.7	57.7	57.7	57.7
GC 300)	47.1	54 <b>.7</b>	57.5	58.0	53.1	58.1	53.1	58.1	58.1	53.1
า รัส การก็อิวั		58.3	51.2	52.0	62.1	52.1	52.1	52.1	52.1	52.1
GE 7000	50.3	59.1	62.1	62.3	53.0	63.0	53.0	63.0	63.0	53.0
SE 5000		50.2	63.5	64.7	54.7	54.9	54.7	54.9	54.9	54.3
SI 5000	51.)	51.4	55.0	55.2	56.4	56.4	65.4	55.4	55.4	55.4
SE 4500	53.4	62.9	55.5	53.1	63.3	55.3	53.3	53.3	<u>53.3</u>	58.3
SE 4700		54.3	63.4	70.1	70.4	70.4	70.4	70.4	70.4	77.4
GE 3500	55.7	55 - 러	70.1	71.8	72.2	72.2	72.2	72.2	72.2	72.3
GE 3000	53.1	59.7	74.2	76.2	76.7	76.7	75.7	76.7	76.7	75.7
SE 2500	52.1	71.0	75 <b>.7</b>	77.9	73.7	78.7	73.7	73.7	78.7	78.
G= 2000	60.5	72.3	77.7	90.2	81.2	31.2	91.2	31.3	31.3	-1.
GE 1300	51.0	73.5	78.5	81.2	32.1	32.1	32.1	82.2	32.2	- ຊຽ້າ
GE 1500		75.5	81.0	84.1	85.4	35.4	35.4	35.5	35.5	95,5
3E 1200		76.1	32.1	35.7	37.4	37.4	37.5	37.3	37. H	∂ <b>7.</b> 2
68 1000	53. j "	77.1	33.4	87.4	89.5	39.8	97.3	90.5	90.5	90.5
SE 900	43.1	77.3	93.5	87.5	90.2	90.5	91.4	91.5	41.6	91.5
SE 300		79.2	84.5	33.8	92.1	92.7	93.9	94.0	94.2	94.2
GS 700	53.0	78.5	34.8	89.3	93.2	93.9	95.4	95.6	95.9	95.1
GE 500	53.8	78.5	84.9	89.4	94.2	94.9	95.7	77.1	97.3	97.4
95 500	63.3	73.5	35.0	39.9	, 94.3	95.5	97.3	<b>7</b> 3.0	95.2	33.6
3F 400	63.9	73.5	35.0	39.9	94.8	95.5	97.3	99.2	75.6 93.5	7.7. · · · · · · · · · · · · · · · · · ·
" GE 300	5 <b>3.</b> 8	<u> </u>	35.3	89.9	94.8	95.9	97.5	33.5	99.9	73.3
GE 200	53.9	7/.5	35.0	39.9	94.3	95.9	97.5	98.5	93.9	99.3
68 <b>1</b> 00	53.8	78.5	35.0	87.9	94.3	25.9	97.3	98.5	93.9	99.3
									98.a	
31 000	53 <b>.</b> 3	73.6	35.0	89.9	94.8	95.9	97.5	95.6	44.4	49.3
			• • • • • •	• • • • • • •		• • • • • • • •	• • • • •	• • • • • • •	•••••	

#### E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AFE	LA		**,*	PERIOD MONTH:	OF REC	ORD: N		OCT 83			
• • •	• • • • •	• • • • • • •	• • • • • •	•••••		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
		STATUTE				- <del> </del>					
	ĢĒ	SE	GE	GE	GE	GE	GE	ĞE	GE	GE	
/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	<u> </u>	·
• • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	
5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	
5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	
3	51.3	51.9	51.3	51.3	51.8	51.8	51.9	51.8	51.8	51.3	
<del>)</del>	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	· · · · · · · · · · · · · · · · · · ·
4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
7	57.7	57 <b>.</b> 7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
i	5 d • 1	58.1	58.1	53.1	58.1	58.1	58.1	58.1	58.1	58.1	
	52.1	52.1	62.1	52.1	52.1	62.1	52.1	52.1	62.1	62.1	
)	53.3	53.0	53.0	53.0	63.0	53.0	53.0	63.0	63.0	63.0	
•	54.7	54.9	54.9	64.9	54.9	64.9	54.9	64.9	54.9	64.9	
,	34.7	34.7	34.7	04.7	34.7	34.7	54.9	54.7	74.7	04.7	
•	65.4	55.4	55.4	55.4	55.4	56.4	65.4	56.4	56.4	65.4	
}	53.3	53.3	58.3	58.3	68.3	5d•3	<b>58.3</b>	68 <b>•3</b>	55∙3	63.3	
•	70.4	70.4	70.4	77.4	70.4	70.4	70.4	70.4	70.4	70.4	
•	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
7	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	75.7	76.7	
,	73.7	73.7	78.7	78.7	78.7	79.7	78.7	78.7	73.7	78.7	
)	31.2	81.3	31.3	31.3	81.3	31.3	31.3	31.3	81.3	31.3	
"	72.1	32.2	32.2	82.2	92.2	32.2	P2.2	92.2	32.2	32.2	
,	35.4	35.5	85.5	85.5	35.5	95.5	85.5	85.5	35.5	35.5	
	37.5	₹ <b>7.</b> ३	37.8	87.3	87.3	37.8	37.8	87.8	97.8	37.3	
,	95.3	95.5	90.3	مر م	90.6	90.6	90.5	95.5	90.6	90.6	
		91.5	91.5	91.5	91.6	91.6	91.5	91.5	91.6	91.6	
	91.4	94.0		94.2	94.2	94.2	94.2		94.2	94.2	
	93.9		94.2	94.2	96.0	96.0	96.0	94•2 95•0	96.0	96.0	
) }	95.7	95.5 97.1	95.9 97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
		, , <b>, ,</b>	,,,,	,,,,,	, , ,	, , ,				.,.	
)	97.3	73.0	75.2		98.5	98.6	93.6	98.6	93.6	98.6	
;	97.3	98.2	38.5	78.7	99.1	99.1	99.1	99.1	99.1	99.1	
) · · ·	97.5	98.5	93.9	99.3	99.5				99.5		
)	27.5	99.5	99.9	99.3	99.5		99.9		99.9	99.9	
•	97.5	98.6	98.9	99.3	99.5	99.6	100.7	150.0	100.0	100.0	
)	97.5	98.6	95.9	79.3	99.6	99.6	100.5	100.0	100.0	100.0	
			-	-							

PERCENTAGE FREQUENCY OF OCCURRENCE OF CO SPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FROM HOURLY DISERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA PF 31 10 LST TO UTC: + 6 SHINCH CEILING VISIBILITY IN STATUTE MILES GE GE SE ĠĖ GΞ I .4 5 4 3 2 1/2 2 \_ 1 7 1 1/2 1 1/4 45.1 39.3 43.1 45.0 45.9 46.1 46.1 45.1 45.1 NO CEIL 45.1 52.9 49.3 51.8 52.3 52.9 52.9 52.7 52.9 GE 20000 45.3 52.9 45.5 49.9 51.9 52.9 53.0 53.0 53.0 53.0 53.0 53.0 18000 49.9 51.9 53.0 45.5 52.) 53.0 53.0 53.0 53.) 53.0 15000 53.3 53.8 SE 14000 50.8 52.3 53.7 53.8 53.8 46.2 53.2 53.3 55.9 55.8 55.9 55.9 GE 12000 47.3 52.5 54.7 55.9 55.9 55.7 GF 10000 57.7 57.3 57.8 54.4 55.5 57.3 57.3 57.8 45. 7 57.3 GF 53.2 3000 49.1 54.5 55.9 58.1 53.2 58.2 53.2 53.2 59.2 57.5 59.7 SĒ 3000 50.7 51.2 51.4 61.4 51.4 61.4 51.4 51.4 51.5 50.4 62.0 7000 53.2 52.1 62.1 GE 62.1 52.1 52.1 62.1 52.1 59.0 51.5 63.4 53.7 5000 GE 53.7 53.7 53.7 53.7 63.7 GF 45.4 5000 53.1 50.3 52.9 65.0 65.4 65.4 65.4 55.4 35.4 5-450) 55.0 57.5 53.0 52.5 55.4 68.0 50.0 53.0 63.0 53.1 GE 4777 56.5 54.7 63.2 70.5 71.3 71.3 71.3 71.3 71.3 71.3 GE 3500 55.3 73.9 70.4 73.0 73.7 73.9 73.9 73.9 73.7 53.3 3000 53.9 75.5 76.4 50.1 72.7 76.3 76.4 75.4 75.4 75.4 77.4 73.5 SE 2500 70.3 74.7 73.4 78.5 73.5 73.5 73.6 51.4 77.6 82.7 35 2000 53.3 73.1 30.9 32.3 95.3 32.8 32.3 32.3  $^{\alpha}$  3 . 5 31.7 33.5 33.5 35 1300 73.3 53.5 33.5 54.4 73.9 33.5 75.4 GE 1500 05.7 30.5 84.5 35.8 86.9 57.3 87.0 37.0 87.0 <u>व्यक्त</u>्र SE 1200 55.3 76.7 32.1 86.0 38.3 88.5 86.3 38.9 33.3 90.7 33.7 35 1000 57.7 77.9 33.4 87.4 90.1 90.2 30.7 30.7 25 90.4 900 30.2 90.3 90.3 90.8 57.7 71.9 33.4 57.4 90.3 34.1 38.3 92.7 ĞΕ 300 57.0 0[.5 92.1 72.7 92.5 72.5 73.4 SE 92.9 94.3 34.5 700 53.2 74.7 34.3 83.6 93.5 94.3 94.5 84.5 94.9 96.1 35.1 73.3 95.7 96.0 600 59.3 89.0 93.9 35 77.4 500 73.3 29.0 94.5 95.6 77.3 37.4 54.3 34.5 96.5 94.5 98.5 68.3 93.5 55 400 73.5 34.5 39.0 95.9 97.5 99.7 30 74.5 300 73.3 99.1 97.2 37.3 96.2 ७व. १ 34.5 37.5 93.0 23.3 99.1 SE 73.3 39.0 94.5 95.2 99.2 99.2 200 34.5 63.3 39.0 99.2 35 100 73.3 94.5 96.2 95.0 99.1 99.2 63.3 34.5 95.0 99.1 49.2 999 69.3 39.0 94.5 76.2 99.2 73.3 34.5

TOTAL NUMBER OF DOSERVATIONS 849

GE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DESERVATIONS

ID AFB LA

2717	TV THE	STATUTE	MILEC	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	
E	3E	GE	GE	<u>G</u> F	GE	GE	3 E	GE	G∃	GĒ	
1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	Ö	
• • • •	. ,		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
. 1	45.1	46.1	45.1	45.1	45.1	46.1	46.1	45.1	46.1	46.1	
. ;	52.9	52.9	52.9	52.7	52.9	52.9	52.9	52.9	52.9	52.9	
• 0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
• 0	53.)	53.0	53.0	53.3	53.0	53.0	53.0	53.0	53.0	53.0	
} . ⊣	53.3	53.8	53.2	53.3	53.8	53.3	53.8	53.3	53.9	53.9	
. 9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	
د .	57.3	57.8	_57.8	5 <b>7.</b> 8	5 <b>7.</b> 8	57.8	57.8	57.8	57.8	57.3	
3.2	53.2	53.2	53.2	58.2	58.2	53.2	58.2	58.2	53.2	55.2	
. 4	51.4	51.4	51.4	51.4	51.4	51.4	61.4	51.4	51.4	61.4	
2.1	62.1	52.1	52.1	62.1	62.1	62.1	52.1	52.1	62.1	62.1	
3.7	53.7	63.7	53.7	63.7	53.7	53.7	53.7	53.7	63.7	53.7	
. 4	55.4	55.4	35.4	55.4	65.4	65.4	65.4	65.4	55.4	55 4	
0.0	43.0	53.0	63.0	53.0	58.0	64.0	60.0	68.0	0.60	53.J	
• 3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
9	73.7	73.9	73.9	73.7	73.9	73.9	73.9	73.7	73.9	73.9	
. 4	75.4	76.4	75.4	75.4	75.4	76.4	76.4	76 4	75.4	76.4	
• 5	73.5	73.5	73.6	73.5	73.6	78.5	73.5	78.6	73.6	73.5	
. j	92.4	32.8	32.3	32.3	82.3	32.8	32.3	82.3	82.3	82.3	
. 5	73.5	53.5	33.6	93.5	83.6	33.5	23.5	33.5	23.6	33.5	
9	57.0	37.0	37.0	87.0	8 <b>7.0</b>	87.0	B7.0	ð7.0	37.0	37.0	
.5	å5•3	38.8	33,3	88.3	83.9	88.B	98.8	33.3	38.8	36.3	
• 2	37.7	90.7	70.7	95.7°	90.7	90.7	90.7	90.7	90.7	90.7	
• 3	95.3	90.∃	90.3	90.8	90.4	90.3	90.3	90.3	90.3	90.3	
.1	97.5	72.5	92.7	92.7	92.7	92.7	92.7		92.7	92.7	
5.5	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	34.5	94.5	
• 9	95.9	96.0	96.1	95.1	95.1	95.1	95.1	96.1	96.1	96.1	
• 5	15.5	97.3	17.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
• 9	97.5	98.7	98.3	93.3	98.3	98.3	94.57	98.8	98.8	98.8	
. 2	79.0	99.1	79.2	39.2	99.2		99.2	99.2			
. 2	73.)	99.1	99.2	99.2	99.3	99.3	99.4	99.4		99.4	
. 2	95.0	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.6	
• .:	95.5	99.1	99.2	49.2	99.3	99.3	99.5	99.5	93.6	100.0	

PERIOD OF RECORD: NOV 78 - OCT 88

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

#### PERCENTAGE FREQUENCY OF JCCURRENCE OF CET

STATION	IJMSER F	747540		AP NEIT		LAND AFE	3 <u>L</u> <u>A</u>			40A1H:	A
CC TE TNO		• • • • • • •	, • • • • • •	* * * * * * *	• • • • • • •	VISIBILI	. 4 • • • • • • • • • • • • • • • • • •	CTATITE		• • • • • • •	<b>k</b> :
CEILING IN	ζĘ	ĞE	GE	SE	GE '	VISIBILI GË	SE T	GE	SE	GE	PΙ
FEET	7	6	տ <u>ա</u> 5	3 <del>⊑</del> 4	3	2 1/2	3 c	1 1/2	1 1/4		
											1
• • • • • • • • •	• • • • •	• • • • • • • •	•••••	, • • • • • • •	,	,	•••••	, , , , , , , ,	•••••	•••••	Þ.
NO CEIL	44.3	46.5	48.3	49.0	49.5	49.8	50.1	50.3	50.3	50.3	<b>]</b> . 2
GE 20000	49.0	55.9	52.8	53.5	54.1	54.8	55.)	55.2	55.2	55.2	<b>T</b>
GE 18000	43.7	50.9	52.8	53.6	54.1	54.3	55.0	55.2	55.2	55.2	1.
GE 15000	49.7	50.9	52.3	53.6	54.1	54.5	55.0	55.2	55.2	55.2	<b>1</b> .
GE 14000	47.0	51.1	53.0	53.3	54.3	55.0	55.2	55.5	55.5	55.5	1.
GE 12000	50.3	52.3	54.7	55.6	55.1	56.3	57.0	57.2	57.2	57.2	1.
											1
GE 10000	53.1	54.8	56.7	57.6	53.1	58•3	59.0	59 <b>.</b> 2	59.2	59.2	1.
GE 9300	52.5	55.5	57.4	58.3	53.8	59.5	59.7	50.0	o0.0	50.)	1.
ଜିଲ୍ଲ ବର୍ପର	53.1	50.5	55.3	59.7	50.2	50.9	51.1	51.4	51.4	31.4	<b>}</b>
GE <b>7</b> 000	53.5	57.1	59.4	50.3	50.8	61.5	61.7	52.0	52.0	52.	į.,
GE 5000	54.7	58.3	60.5	61.5	62.0	52.7	62.9	53.1	53.1	53.1	<b>.</b> .
											I
9= 5000	55.4	50 • I	52.3	63.5	54.1	54.3	55.1	<b>55.</b> 5	55.5	55.5	<b>j</b>
GF 4500	50.)	51.5	63.3	55.1	55.5	55.3	55.7	67.0	57.0	57.	ļ.,
<b>31</b> 4000	60.1	54.5	55.3	58.2	55.3	59.5	59.3	70.2	75.2		<b>.</b> :
Gē 3500	60	55.4	67.6	69.0	69.6	70.3	73.7	71.0	71.0	71.0	t.
9£ 3000	52.4	57.5	70.3	71.3	<b>72.</b> 3	73.5	73.9	74.2	74.2	74.7	B . '
3			<b>4.</b>				<u>.</u>			- ^	ŀ
GE 2500	54.5	70.1	73.1	75.5	75.3	77.5	79.0	79.3	73.3	70.	7.
55 2000	65.2	72.0	75.0	77.7	79.3	30.0	33.4	<u> 50.8</u>	30.2	30.	9.
37 1900	55.3	72.7	75.7	78.5	30.0	30.7	81.2	31.5	31.5	71.5	F •
37 1300	67.3	74.2	73.1	90.9	32.5	83.3	44.7	34.2	34.2	44.	5.
GE 1200	63.7	75.1	79.3	82.2	34.1	34.9	35.5	35.9	35.3	55 • 3 }	<b>k</b>
	. <b>.</b>				- , <b>a</b>		·		e te ing	!	[_
GE 1000	69.9	76.7	81.0	84.1	35.1	87.0	37.6	99.0	33.0	33.1	7.
<u>95 990</u>	77.3	75.8	31.2	34.5	87.2	88.1	33.3	39.2	39.2	39.3	-
5F 303	70.1	77.1	31.5	34.9	33.5	37.7	97.5	90.9	90.9	1	13.
3E 799	70 • 2	77.6	32.0	35.7	93.5	91.9	92.6	92.9	32.9	₹3•1	1.
GE 500	70.2	77.9	82.2	36.0	90,7	32.2	93.1	93.4	93.5	93.5	∤3•
3.5		0	~ ~ ~						a. =	1	Ĺ
GE 500	70.2	77.9	92.2	36.0	91.0	92.7			74.5	94.7	
<u>95 400</u>	72.2	77.9	32.4	35.2	91.9	93.3	95.2	96.1	36.2	⇒7.1	3.
SF 300.		77.9	72.4		91.9	94.1	95.5	95.9 97.3	77.1	77.0	į - ·
37 200		77.9	32.4		91.9	94.2	95.3	97.3	37.4		٠.
GE 100	70.2	77.)	32.4	85.2	91.9	94.2	95.3	97.4	97.5	99.	4.
SE 2000	70.2	7,.9	92.4	36.2	91.9	94.2	95.3	97.4	97.5	00.4	4.
• • • • • • • •	• • • • • •	• • • • • • • •	· • • • • • • • •			• • • • • • • •	• • • • • •	• • • • • • •			

TOTAL MUMBER OF DISERVATIONS 349

;,			A = 1 7 3 A	<b>38 38 6</b> 7	1007	7.7 70	ስርም ዕን	~		
LA					JK9: N: 13URS: 3		तटा हर			
			MONTH:		11042.	21-23			<del></del> ,	
V Thi	STATUTE	MTIES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	
5 E	GE	GE -	<u></u>	GE	GE	SE	GE	GE	<u>5</u> E	-
3 (. 2		1 1/4		3/4	5/8	1/2	3/8	1/4	0	
	1 1/2	1 1/4			<b>77</b> (3		373		· · · · · ·	
••••		• • • • • • •		• • • • • • •	• • • • • • • •					
50.1	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	
	<i>,</i> 0 • 3	50.5	J <b>U</b> • J	2003	,,,,,	, , , ,	. 55 ,		700	
55.)	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.5	
55.0	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.5	
<u> </u>	55.2	$\frac{55.2}{55.2}$	55.2	55.2	55.2			55.4		
55.2	55.5	55.5	55.5	55.5		55.6	55.5		55.7	
57.0	57.2	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.5	
-										
59.10	57.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.5	
59.7	<b>53.</b> 0	o0.0	50.3	50.0	60.0	50.1	50.1	60.1	63.2	
51.1	51.4	51.4	51.4	51.4	51.4	51.5	51.5	61.5	51.5	
61.7	52.0	52.0	62.0	52.0	52.0	62.1	62.1	52.1	52.2	
52.9	53.1	53.1	53.1	53.1	53.1	63.3	63.3	63.3	53.4	
55.1	55.5	55.5	55.5	55.5	65.5	55.5	65.5	65.6	05.7	
55.7	67.0	57.0	<del>57.</del> 0	67.0	57.0	57.1	67.1	67.1	67.3	
59.3	70.2	70.2	70.2	70.2	70.2	70.3	70.3	75.3	70.4	
73.7	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.3	
73.9	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.4	
								<b>.</b>		
73.7	73.3	73.3	79.3	79.3		79.4	78.4	78.4	78.5	
33.4	<u> 30∙8</u>	30.3	30.3	80.8	40.9	30.9	30.9	50.9	81.0	
71.7°	31.5	स्र • ५	71.5	21.5	31.5	31.6	81.5	81.5	51.7	
44.3	34.2	34.2	34.2	24.2	34.2	84.3	34.3	54.3	34.5	
35.5	35.9	35.7	86.0	86.0	96.0	36.1	36.1	55.1	36.2	
37.6	48 A	55 A	255.1	00.1	6.5.1	00 5	A A - A'	20.00	38.3	
_	20.0 20.0	33.0	33.1	88.1	83.1	89.2	93.2	89.2	09.5	
93.3	39•2 <del>ag</del> •a	39.2	39.3	39.3	91.0	91.2	39.4	59.4 91.2		
92.5	92.9	32.9	93.1	93.1	93.1	93.2	93.2	93.2	93.3	
93.1	93.4	93.5	93.6	93.5	93.5	93.8	93.9	93.3	93.9	
70.1	73•4	73.7	7.3 • 0	73.3	77.3	79•7	73.0	<b>4 J 6</b> '3	,,,,	
73.ª	74.3	24.5	94.3	74.9	94'. 9	95.2	95.2	95.4	25.5	
95.2	26.1	26.2	97.1	97.1	97.1	97.3	77.3	97.5	97.6	
95.5	96.1 95.9 97.3	77.1	77.9	77.1	- <del>98.1</del> -	99.4	98.4	95.5	93.7	
95.3	97.3	77.4	)a.2	98.6	38.5	ગુન વ	94.4	40.1	99.2	
95.3	97.4	97.5	99.4	93.7	98.7	99.9	98.9	99.2	79.5	
, ,	,	/ · • /	* * <b>*</b> *		<i>&gt;</i> ₩ • •	, , ,				
75.3	97.4	97.5	99.4	25.7	99.7	93.9	99.9	39.2	100.0	
					• • • • • • •					

DPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

# PERCENTAGE FREQUENCY OF OCCURRENCE OF COLD

STATION	NUMBEK:		LST	יסוט מד	: + 5	AND AFS	LA		-	253130 J
CEILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		/ISIBILI	TY THE	TATHE	* * * * * * * * * * * * * * * * * * *	• • • • • • •
IN	0.5		SE	SE	GE.	GE		9E	GE	GF.
FEGT	7	<u>5</u>	5	4	3				1 1/4	1
	• • • • • •	• • • • • • •				• • • • • • •				• • • • • • •
.,,,	2.2	27 (	20 5	10.5	(1.3	) (i ' <del>=</del>	(1 =	13.5	7 1 0	( ) >
AD CEIF	33.5	37.4	39.5	40.5	41.3	41.5	41.7	41.9	41.9	42.1
35 20000	37.	42.2	44.5	45.7	45.6	46.8	47.1	47.3	47.3	47.4
SE 13000	37.7	42.4	44.7	45.3	45.7	45.9	47.2	47.4	47.4	47.5
35 15000	33.0	42.5	44.3	45.9	45.8	47.)	47.3	47.5	47.5	47.7
GE 14000	33.1	42.7	45.0	46.1	47.1	47.3	47.5	47.7	47.7	47.9
SE 12000	39.1	+3.9	46.4	47.5	43.5	48.7	49.0	49.1	49.2	49.3
SF 10000	40.3	45.0	43.5	49.3	50.B	51.0	51.3	51.5	51.5	51.5
GE 9000	41.3	45.5	49.1	50.3	51.3	51.5	51.3	52.0	52.0	52.2
GE 8000	42.7	49,5	51.1	52.5	53.5	53.7	54.0	54.2	54.2	54.7
GE 7000	43.5	49.4	52.1	53.5	54.5	54.8	55.1	55.3	55.3	55.5
GE 5000	44.3	50.5	53.3	54.9	55.1	56.3	55.7	50.9	56.9	57.1
SE 5003	45.5	51.8	54.7	56.5	57 <b>.</b> 3	58.0	59.3	53.5	<b>5</b> 3.6	58.:
3° 4503	45.7	33.3	55.3	55.2	57.5	59 <b>.</b> 7	50.0	50.2	50.3	50.4
36 4000	43.5	55.7	59.1	61.1	62.5	62.3	63.1	53.3	53.4	53.5
SE 3500	49.5	55.)	50.5	62.7	54.0	54.4	64.3	55.0	55.0	65.2
n5 3000	51.2	59.2	53.7	65.4	56.9	67.3	57.7	6 <b>7.</b> 9	53.0	63.1
36 250)	<b>6</b> ,2 € 1	<b>51</b> /	55.5	53.3	<b>5</b> ⊋.⊣	70.1	<b>7</b> 0.5	<b>7</b> 0.8	70.5	71.
-31. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7. $3$ 7	54.5 54.5	51.2 43.4	າາ.າ 57.∃	70.7	72.7	73.1	73.5	73.9	73.9	74.1
1300	55.1	54.1	53.5	71.4	73.5	73.9	74.3	74.7	74.7	74.7
6- 1500	55.3	56.4	71.4	74.7	77.1	77.4	73.0	78.4	79.4	73.3
GF 1200	57.9	5 (.)	73.5	77.1	79.3	27.2	5 <b>3.</b> 9	91.3	41.4	91.5
<b>.</b>	(° -		•	3	22.2	s on a			. <b>.</b> .	37. 1
35 1000 35 300	53 <b>.2</b>	59•1 5••3	74.9 75.7	75.9 30.0	32.0 33.4	52.4 53.9	33.3 34.9	33.5 35.5	33.9 35.5	34.1 95.7
G5 400	57.4	70.4	75•7	31.2	25.5	96.2	37.5	73.2	45.4°	Q 3 <b>.</b> ′)
3· 703	52.7	70.0	77.4	92.5	37.5	48.4	95.1	70.9	91.0	91.+
6E 600	53.7	71.1	77.2	93.1	43.7	89.7	91.5	92.5	92.3	93.1
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•						a i . •		
95 503 50 400	57.2	71.2	70.1	33.5	39 <b>.</b> 5	33.7	93.5	94.1	34.5	34.4
97 400 67 <b>3</b> 00	59.4 59.4	71.2	7 . 7	23.3	39 <b>.</b> 9	71.2	93.5 5% 5	95.3 95.3	)5.7 95.4	95.3 97.1
65 <b>3</b> 00 65 <b>2</b> 00	59.4 59.4	71.2 71.2	75•3 78•3	83.9 83.9	39.9 39.9	91.5 91.5	94.2	70.0		97•1 97•3
GF 100	97.3	71.3	73.3	33.9	49.9		24.3	76.0	35.0	97.4
* / /	· , • ,	, , ,	1 /4 2	3 D • 1	, • ,			V. ♥ V.		
50 900			79.3			91.5			₹6.6	
• • • • • • •	• • • • • •	• • • • • • •						• • • • • •	• • • • • •	• • • • • • • •

THIAL NUMBER HE HESTEVATIONS 6792

#### REQUENCY OF OCCURRENCE OF CETLING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

_ ^ ~					JRS: ALI		<u>)८१ सम</u>			
	STATUTE	411 2 2	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
ت ۱۱۹ تا تو	SE	SE SE	SF	SE	GË	Sõ	GE	5.E	ن. نور	
ب. <b>ن</b> ک		1 1/4	1	3/4	5/3	1/2	3/5	1/4	, ,	
	1 1/2					<u>1/.</u>			<del></del>	- •
	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •					
41.7	41.9	41.9	42.5	42.1	42.1	42.3	42.3	42.4	42.5	
7 1 9 1	4147	***	76 6	Y = 4 A		• • • •	424)		****	
47.1	47.3	47.3	47.4	47.5	47.5	47.7	47.7	47.3	44.1	
47.2	47.4	47.4	47.6	47.7	47.7	47.7	47.9	43.0	43.2	
47.3	47.5	47.5	47.7	47.5	47.4	43.7	43.5	45.1	44.3	
47.5	47.7	47.7	47.9	44.0	43.0	43.2	48.2	49.3	48.5	
49.0	49.1	49.2	49.3	43.4	47.4	49.5	49.5	49.7	49.9	
•			•						• • •	
51.3	51.5	51.5	51.5	51.9	51.3	52.0	52.0	52.0	52.3	
51.3	52.0	52.0	52.2	52.3	52.3	52.5	52.5	52.5	52.3	
54.7	54.2	54.2	54.4	54.5	54.5	54.7	54.7	54.3	35.0	-
55.1	55.3	55.3	55.5	55.6	55.6	55.3	55.4	55.9		
55.7	50.9	56.9	57.1	57.2	57.2	57.4	57.4	57.5	57.7	
54.3	53.6	53.5	53.8	58.9	53.9	59.1	59.1	51.2	59.4	
53.3	50.2	50.3	50.4	50.6	50.5	50.7	50.7	60.8	61.1	
53.1	53.3	63.4	53.5	53.7	53.7	63.9	63.9	53.9	54.2	
54.3	55.0	55.0	65.2	65.3	65.3	55.5	65.5	55.5	55.9	
57.7	67.9	53.0	63.I	68.3	63.3	53.4	68.4	58.5	58• <sup>₽</sup>	
70.5	<b>7</b> 0.8	70.5	71.0	71.1	71.1	71.3	71.3	71.4	71.6	
73.5	73.9	73.9	74.1	74.2	74.2	74.4	74.4	74.5	74.7	
74.3	74.7	74.7	74.9	75.0	75.0	75.2	75.2	75.3	75.5	
75.0	78.4	79.4	73.6	73.3	78.8	79.9	78.9	79.0	79.3	
ag.9	1.3	31.4	31.6	51.7	81.7	31.9	31.9	32.0	32.2	
33.3	33.5	33.7	图4.1	34.2	94.2	24.4	34.4	34.5	84.7	
34.3	45.5	35.5	85 <b>.7</b>	85.9	35.9	85.0	35.0	66 <b>. 1</b>	95.4	
37.5	98.2	93.4	93.6	83.7	38.7	हे <b>न. प</b>	33.9	39.5	नग.2	
99.1	30.9	91.0	91.4	91.5	91.5	91.7	91.7	91.8	92.0	
91.5	92.6	92.8	93.1	93.3	93.3	93.6	93.5	93.7	93.9	
	94.I			95.2			95.4		95.3	
	95.3			96.6			96.8		47.3	
	95.3			97.5			97.9		3P.4	
				93.0			98.5		99.4	
74.3	76.0	75.5	97.4	98.0	98.1	98.6	98.7	99.1	99.8	
94.3	75.0	26.6	77.4	98.1		43.4	98.B		100.0	

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

#### PERCENTAGE FREDUCION OF ACCURRANCE OF PRINCE OF AN HOLDER USSON VALLE

STATION NUMBER: 74754) STATION NAME: ENGLAND AFB LA > <! LST TO UTC: + 6 VISIBILITY IN STATUTE MILES CEILING 32 63 36 G: <u> - 3</u> **;** 35 I 😘 7 2 1/2 1 1/2 FEET 3 1 1/4 59.7 57.3 53.7 51.4 59.7 20.00 50.3 UTBO OFF 50. ? 1.3. 34 20000 57.5 5).1 52.5 52.3 52.3 51.3 53.3 53.3 53.3 53.1 GE 12000 ٠,٦. 57. 3 59.4 52.2 52.3 63.1 53.7 53.7 53.7 GE 15000 54.0 53.5 52.3 52.7 53.2 53.2 **63.**3 53.4 53.0 53. 4.4 SE 14000 53.1 59.5 52.4 63.0 63.3 63.3 53. ) 43.7 53.9 59.2 35 12000 51.0 63.5 54.2 54.5 64.5 55.1 55.1 55.1 444 54.4 55.5 10000 53.9 52.5 55.2 55.5 55.0 55.5 95.0 . . . 55.5 50.1 52.3 55.5 9900 54.7 55. S 05.3 55.3 20.3 47.1 58 3000 55.6 65.7 57.2 57.2 57.2 51.0 53.7 56.3 55.7 65 F ... 7000 51.5 54.5 55.1 67.4 47.7 67.7 1,2.3 59.3 51.3 6000 22.2 59.5 77.1 70.1 70.1 SE 42.9 59.5 67.2 57.5 57.7 70.3 70.3 5000 59.2 70.0 70.3 71.7 70.9 71. 1,3.4 ST 57.3 45)) 53.5 57.3 70.5 71.0 71.3 71.5 71.5 71.5 71. 7".1 73.1 74.1 4000 55.2 7).3 74.1 74.4 74.4 74.1 74.5 75.9 76.2 76.3 35 350J 57.4 71.9 74.3 75.2 75.0 76.9 75. GE 3000 73.3 76.3 73.2 73.5 73.5 77.0 79.0 79.0 73.1 53.3 Ģ.E 2500 79.2 70.0 74.3 77.3 79.5 79.5 00.1 30.1 40.1٠. . . . . . 12.5 33.3 33.) 6.5 2000 82.2 43.0 72.4 77.4 3).6 32.5 23.0 াংক, ক 43.0 ĠĒ 7 1.1 33.3 1300 77.7 21.3 32.9 14. 8 ...1 GE 37.3 07.5 1500 30.4 37.3 38.0 33.0 74.5 34.4 85.2 99.5 SE 30. 1200 35.9 83.8 22.0 90.0 90.5 90.5 75.2 32.8 91.7 Gr 1000 91.6 92.3 92.5 72.5 77.7 33.7 93.0 90.1 42. 7.5 91.4 92.9 93.1 94.0 34. 200 74.7 77.3 33.3 93.3 34.1 777 4 94.3 35.] 77.5 92.2 93.9 94.2 95.1 35. 34.5 39.3  $G \subseteq$ 35.4 35.1 700 93.3 95.7 36.5 77.3 45.2 95.3 45.5 70.4 93.A 95.8 96.5 97.1 27.3 GE 590 77.8 35.4 90.8 97.3 77.4 500 78.0 48.3 SF 35.5 90.9 94.) 95.2 96.9 93.) 93.3 34.4 75.0 93.3 93.5 48.6 33.7 95.6 97.2 400 35.5 91.0 34.1 35.7 91.2 74.4 79.2 99.2 77.4 73.1 97.0 97.5 93.7 300 99.2 77.4 GE 30. -220 73.1 35.7 91.2 94.4 97.0 97.5 99.7 78.1 99.2 99.0 GE 100 35.7 91.2 94.4 97.0 97.6 94.7 99.4 99.2 29.4 90." SE 000 85.7 91.2 94.4 97.0 97.6 94.7 70.1

TOTAL NUMBER OF DESERVATIONS 930

FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY FROM HOURLY DISSERVATIONS

4≐ŝ	LA	-		PERIUD MONTH:		10042: 10042:	JV 73 -	JCT 83			
1 0 0 0 2 T 1 T	TV T	STATUTE	MILEC	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
3161			91003 GE	GE	SE	GE	GE	ΰĒ	SE	J _	
1/2		1 1/2	_	1	3/4	5 <b>/</b> 3	1/2		1/4	O -	
1/2		1 1/2	1 1/7							<del></del>	
,							••••				
. 7	n).2	50.2	60.2	60.3	50.5	50.5	50.6	60.6	50.5	50.5	
• <u>4</u>	53.3	53.3	53.3	53.4	63.7	53.7	53.3	63 <b>.</b> 3	53.8	03.4	
• 1	53.7	53.7	53.7	53.3	54.0	54.0	64.1	54.1	64.1	54.1	
• 2	63.3	53.¤	53.3	53.9	54.1	64.1	54.2	54.2	54.2	54.2	
. 2	63.9	53.9	63.9	54.0	54.2	54.2	54.3	64.3	54.3	64.3	
• 5	65.1	65.1	55.1	65.2	65.4	65.4	65.5	65.5	45.5	65.5	
• 5	55.3	55.0	55.0	55.1	65.3	65.3	55.5	65.5	50·5	66.5	
• ئ	05.3	55.3	56.3	55.5	56.7	56.7	65.5	66.3	56.5	55.3	
. 7	57.2	57.2	57.2	57.3	57.5	57.5	67.6	67.6	57.5	67.5	
. 7	$o^{2} \cdot 3$	58.3	63.3	69.4	64.6	53.6	63 <b>.7</b>	53.7	58.7		
1.5	70.1	70.1	70.1	70.2	77.4	79.4	70.5	70.5	70.5	70.5	
<b>ا</b> ا	70.7	70.3	70.9	71.0	71.2	71.2	71.3	71.3	71.3	71.3	
• )	71.5	71.5	71.5	71.5	71.9	71.2	71.9	71.9	71.9	71.7	
• 4	74.7	74.9	74.7	75.1	75.3	75.3	75.4	75.4	75.4	75.4	
• 2	75.R	76.3	76.3	76.7	77.1	77.1	77.2	77.2	77.2	77.2	
₹•5	79.0	79.0	79.0	79.1	79.4	79.4	79.5	79.5	79.5	79.5	
) . <u>5</u>	80.1	32.1	30.1	35.2	30.4	10.4	30.5	80.0	40.5	80.5	
• 5	33.0	23.0	33.0	83.1	33.3	33.3	83.4	33.4	33.4	33.4	
• 3	33.3	33.9	33.0	34.0	44.2	84.2	34.3	34.3	34.3	34.3	
7 . 3	67.5	38.0	33.0	98.1	48.3	88.3	88.4	83.4	43.4	38.4	
)•?	93.5	90.5	90.5	90.3	71.0	71.0	91.1	91.1	91.1	<b>→1 • 1</b>	
• 7	92.3	92.5	92.5	92.6	92.8	92.3	92.9	92.7	92.9	42.4	
1	93.3	94.0	14.7	94.1	94.3	94.3	94.4	94.4	94.4	94.4	
. 2	94.3	95.1	75.1	95.2	95.4	95.4	95.5	95.5	95.5	95.5	
. 7	95.3	36.5	95.5	95.7	96.9	36.9	97.0	97.0	97.0	77.0	
• 5	97.1	97.3	97.3	97.4	97.6	97.6	97.7	97.7	97.7	37.7	
. 9	93.0	98.3	98.3		98.6		~99 <b>.7</b>			93.7	
2	93.3	93.5	38.6	98.7	98.9		93.0	99.0	99.0	99.3	
1.5	93.7	99.2	99.2	99.4	99.6	99.6		99.7			
• 5	79.7	99.2	97.4	99.5	39.8		99.9				
7.6	99.7	99.2	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	
7.5	94.7	99.2	39.4	99.5	99.9	99.9	100.0	100.0	100.0	105.0	
	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	

### PERCENTAGE FREQUENCY OF TOCORMANCE OF COMMENCE OF COMM

217	TIDV :	. JM5 TR:	74754.)		TO UTC		AND AFS	ĹA			#04133 #0414:
		• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •		 /ISIBILI				• • • • • • •
CEL	LING	<i>,</i> • ·	: . و	~ c	<b>G</b> E						
_	· '' •	7			4	3	2 1/2	, 3 , 3 , 3	3.	1 1/4	1
-	-		· · · · · · · ·	,	<b>, , , , , , , ,</b> ,		٠ ١ ٠ ٠ ٠ ٠		_		
•••	••••	••••	• • • • • • • •	• • • • • • •							
<b>N</b> 3	CEIL	44.0	47.4	50.4	51.5	52 <b>.</b> 5	52.5	52.3	52.8	5°• 4	53.5
35	20000	45.1	57.6	53.8	54.5	53.5	55.5	55. I	55.9	55.9	55.1
	13000	47.1	51.3	24.1	54.9	55.7	55.7	56.2	55.2	55.2	50.5
Ğ₽	16000	47.1	51.0	54.1	54.9	<b>55.</b> 9 <sup>*</sup>	55.9	55.2	55.2	55.2	55.
GE	14000	47.3	51.2	54.3	55.2	56.1	55.1	50.5	56.5	50.5	64.7
SE	12000	43.4	52.3	55.4	55.2	57.2	5 <b>7.</b> 2	57.5	57.5	57.5	57.7
					_	_					
	12202	20.0	53.9	57.1	58.0	53.9	58.7	51.	57.2	57.2	1 7
S:	9000	5).3	54.3	57.5	50.4	59.4	59.4	2).7	> 7 . 7	> 7 . 7	73.1
95	8000	50.3	54.7	54.1	58.9	53.3	59.9	37.2	55.2	> ∪ • ?	• • • •
Sa	7000	51.5	35.7	57.4	60.2	51.2	51.2	51.5	51.5	61.5	51.7
G=	5000	51.7	50.5	23.0	50.3	01.7	51.7	52.0	52.0	52.0	42.5
ge	5000	52.0	57.2	60.5	51.5	62.5	52.5	52.5	52.3	52.3	53. )
G.E	4500	52.5	57.7	61.3	62.2	63.1	53.1	53.4	53.4	63.4	63.7
S.	4000	55.2		54.7	65.7	65.7	52.7	57.5	57.0	57.)	27.3
GE	3500	56.5	52.5	65.5	67.4	68.5	63.5	54,8	53.3	63.3	51.7
<b>9</b> =	3000	57.4	53.8	58.1	69.0	70.1	70.1	73.4	70.4	70.4	70.9
											,
30	2500	52.3	55.9	70.3	71.5	72.7	72.7	73.3	73.0	73.)	73.
<u>GE</u>	2000	01.2	53.9	73.4	74.7	75.9	75.9	76.3	76.3	75.5	75.7
35	_ 1900.	51.7	57.3	74.3	75.5	75.8	76.3	77.2	77.2	77.3	77.5
GE	1500	54.1	72.3	77.7	77.5	30.9	80.9	41.3	31.3	81.4	P1 1 • 7
35	1200	55.3	74.5	31.0	32.9	44.5	34.3	25.3	35.3	35.4	65.7
SE	1000	55.7	75.4	32.3	35.7	87.7	46.0	39.5	59.5	33.5	88.7
GE	900	55.7	75.4	32.3	35.0	1 1	99.3	39.3	39.0	99.1	99.5
G.E	<u> የ</u> ንኃ	67.0	75.4	33.8	37.1	.,55,70	39.5	93.2	73.5	70.5	T31.0 →
GE	700	67.1	76.2	84.7	95.2	9	90.8	91.5	91.8	91.9	92.3
GE.	500	57.1	75.2	34 • B	38.4	91.2	91.7	15.3	43.1	73.2	73.5
Ġ٢	500	57.1	76.2	34.3	88.4	91.4	92.0	93.4	94°. I	74.2	34.5
Ğ5	400	67.1	76.3	85.1	88.3	91.9	92.6	94.0	94.5	94.8	95.2
- <u>5</u> -	300	67.1	75.3	<b>म</b> 5.1	39.5	~ 92.ź~	72.8	74.5	75.2	95.4	<del>- ३5</del> . a ।
GE	200	57.1	76.3	95.1	89.0	92.3	92.9	94.7	95.4	95.5	95.0
ĢĘ	100	67.1	76.3	95 • Î	34.0	92.3	92.9	a 3	95.5	<b>35.7</b>	76.1
ĢĖ	000	57.1	76.3	85.1	39.0	92.3	92.9	94.d	75.5	75.7	96.1

### E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

<b>A</b> ≈ 9	B LA			PERITO MONTH:		) RO: N. HOURS:	JV 78 - 03-05	ी€र उन		-	, ,
BILI	ITY [N	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • •	
٤	33	GC	G.T.	SE	GE	ŭΞ	SŁ	GΞ	Se	3 F	
1/2	2	1 1/2	1 1/4	1	3/4	5/3_	1/2	3/3	1/4		
• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •	
! <b>.</b> 5	52.3	52.8	52.9	53.)	53.3	53.3	53.9	53.8	54.5	54.9	
· · · 5	55.9	55.9	55.9	55.1	56.5	55.5	55.9	55.9	57.5	59.0	
i. )	55.2	55 <b>.</b> 2	55.2	56.5	56.3	56.3	57.2	57.2	53.0	53.3	
i . 9	55.2	55.2	55.2	55.5	56.3	56.8	57.2	57.2	53.0	53.3	
>• 1	55.5	56.5	56.5	56 <b>.7</b>	57.0	57.0	57.4	57.4	59.2	58.5	
7.2	57.5	57.5	57.5	57.7	59.1	53.1	53.5	53.5	59.2	59.5	
; <b>.</b>	59.2	59.2	59.2	59.5	59.8	59.8	60.2	60.2	51.0	01.3	
3.4	57.7	39.7	59.7	59.7	50.2	60.2	50.5	50.0	51.4	01.7	
3.9	5).2	53.2	20.2	50.4	50.3	50.3	51.2	51.2	51.9	62.3	
1.2	51.5	51.5	61.5	61.7	52.0	٤2.0	52.5	52.5	53.2	53.5	
1.7	52.0	52.0	52.0	52.3	62.6	52.5	63.0	53.0	63.3	54.1	
2.5	52.3	62. B	52.8	43.0	53.3	63.3	53.ಕ	53.4	64.5	64.3	
3.1	53.4	53.4	63.4	63.7	54.0	54.0	54.4	64.4	55.2	95.5	
5.7	67.0	57.0	57.0	57.2	57.5	67.5	53.0	53.3	53.7		
3.5	54.8	53.3	57.0 53.3	69.0	59.4	59.4	69.8	59.3	70.5		
0.1	7).4	70.4	70.4	70.5	71.0	71.0	71.4	71.4	72.2	72.5	
2.7	73.0	73.0°	73.7	73.2	73.5	73.5	74.0	74.0	74.7	75.1	
5 • G	76.3	76.3	76.5	75.7	77.0	77.0	77.4	77.4	78.2	78.5	
5.3	77.2	77.2		77.5	77.B	77.3	73.3	73.3	77.5	79.4	
0.9	41.3	31.3	81.4	81.7	P2.3	82.0	82.5	82.5	83.2	43.5	
4.3	45.3	35.3	35.4	85.7	36.0	35.0	₹5.5	86.5	47.2	87.5	
5.0	35.5	J9.5	33.5	93.9	39.2	89.2	89.7	39.7	40.4	90.3	
3	98.9	89.0	99.1	89.5	39.8	39.8	90.2	90.2	71.0	91.3	
9.5	93.2	93.5		91.0			91.7	31.7	92.5	92.8	<del></del>
9.8	91.5	91.8	91.9	92.3	92.5	92.6	93.0	93.0	93.9		
1.7	12.3	93.1	73.2	73.5	93.9	93.9	94.3	94.3	95.1	95.4	
, ,	<b>33</b> /	'- 47'Z' · '¥	252 : 5	' 57 E	5 <b>5</b> 7 5	. A7 .5.	'A# I	OF 9	<b>8</b> 7 ≃τ -	oz e	
2.0		74.1		94.5		94.8	25.4			96.5	
2.6			94.8				96.3		97.1		
	74.7	95.2	77.4	77.5	70.5	70.0	97.46	71.3	73•2	77.7	
2.9 2.9	94.7	95.4 95.5	77.5 75.7	95.0	97.1	90.0	97.9	93.0	78.5 75.6	79.2	
		75.5									
• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • •	•••••	

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CHILL -ROM HOURLY DESERVATIONS

STATE	T VIMI	≟R: 74	7543		ON NAME	+ 6	NÖ ÄFB	L 1			PIRIDO MONTH: MY
CEILING	• • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • • •	V 1	STATETT	TZ PI V	\	*******	, <b></b> .
IN		<b>F</b> _	3F	G E	SE		GE	·		G-	ن. د.
FEST				5 5	4	3	2 1/2		1 1/2		1
		7	5		<b>,</b>		2 1/2			1 1/4	1
• • • • • •		• • • • • •	• • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • • • •
NO CEIL	. ટ્રેગ્ર	. 3	55.4	40.3	42.0	43.9	44.4	45.3	45.5	45.5	45.2
35 2300	31	.1 3	33.1	43.4	45.5	47.5	43.1	4 )	47.1	49.2	57.7
GE 1300				43.4	45.5	47.5	40.1	41.7	47.1	47.2	45.
5° 1508				43.4	45.5	47.5		43.3		49.5	55.0
GE 1400				43.4		47.8	4P.4	44.4		43.7	50.4
GE 1200				44.5	46.6	44.5	49.1	50.1	50.3	51.4	51.2
			•					• •			
SE 1000	00 32	. 3 4	0.2	45.3	44.4	50.5	21.1	52.7	52.3	32.4	53.1
900				47.0	49.0	51.2	51.7	52.7	52.9	53.)	33.
59 300				47.2	51.3	53.4		5+. >	55.2	55.3	
65 <b>73</b> 0				49.9	52.0	54.2	54.7	55.7	55.9	55.0	55.4
GE 500				50.3	53.0	55.2	55.7	55.7	56.7	57.0	57.7
											•
56 500	35	.3 4	5.5	52.7	54.9	57.1	57.5	53.5	53.8	33.3	59.7
37 450			n • 2	53.5	55.1	53.4	53.9	51. 1	57.1	57.2	51.0
SE 400			3.2	55.3	59.4	61.7	52.3	63.3	33.5	53.7	54.4
GT 350				57.5	60.3	62.7	53.2	54.4	54.5	54.7	95.4 ·
SE 300		-		55.5	61.3	54.2	64.7	55.9	56.5	55.4	67.3
J., 2, 3						3.02	, , , ,		,,,,,	•	<b></b>
97 250	17 41	. i i	2.3	50.5	53.7	55.6	57.2	63.5	53.1	59.2	70.0
Ge 200				54.1	57.4	70.3	71.2	72.5	73.5	73.7	74.4
TSE 130				54.7	5B.3	71.2	72.0	73.7	74.5		75.4
35 <b>1</b> 50				66.9	70.9	74.2	75.2	77.0	78.1	74.2	79.0 7
GE 120				69.1	73.0	76.5	77.5	73.4	30.4	33.5	31.4
	., .,	• / /		0,41	. 5 • • •	.505		. , • •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. , .	
SC 100	10 47	. 7	1.0	70.5	74.)	73.9	33.1	B2.4	83.4	33.5	34.4
90 20					76.3	30.5	81.3	84.2	35.3	35.4	35.3
ั เรียก กลุ่ง				72.5	77.3	31.9	म3.2	<b>35.</b> त	46.9	37.0	हर्म 🧻 ः
GE 70				72.9	77.6	82.8	34.2	45.3	97.8	83.0	83.9
GE 50				73.2	78.2	33.4	84.R	37.4	48.7	38.0	89.3
J1. J3	, ,	• , ,	,	1304	10.2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		3, • •	. 30 1	, , ,	,,,
59 50	0 43	. 3 6	3.5	73.8	73.3	34.5	36.)	87.1	91.3	71.4	72.4
66 40					79.0	34.7	36.2	99.5	91.7	91.9	93.0
GE 30						84.9		99.7	91.9	92.2	93.7
GE 20				73.9	79.1	35.1	96.6			92.4	94.0
SE 10				73.9	79.1	35.1	86.6	R9-3	92.0	92.4	94.9
	• • • • •	•	, , <del>, ,</del>	1 / • /	* / • A		39 <b>4</b> 0	, <b>T</b> G	,	, • ·	
GF 00	00 48	. 3 4	3.1	73.9	79.1	35.1	86.5	99.3	92.0	92.4	94.5
						3711					1

TOTAL NUMBER OF DESTRUATIONS 930

FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECTROS: NOV 73 - OCT 83 PERIOD OF RECTROS: 06-08											
ILITY IN STATUTE MILES											
12	3± 3	35 1 1/2	G≘ 1 1/4	3E 1	GE 3/4	65 5 <b>7</b> 8	3E 1/2	66 3/3	3E 1/4	3 E 0	
			1 1/7			• • • • • • •	1/2			<del></del>	
4	45.3	45.5	45.5	45.2	45.7	45.7	47.2	47.3	47.5	47.7	
1	45. )	47.1	49.2	50.0	50.5	50.5	51.1	51.2	51.4	51.5	
1	44.4	49.1	49.2	50.0	50.5	50.5	51.1	51.2	51.4	51.5	
1	43.4	49.1	49.2	50.0	50.5	50.5	51.1	51.2	51.4	51.6	
4	47.4	49.5	43.7	50.4	51.0	51.0	51.5	51.6	51.A	52.0	
, 1	50.1	50.3	50.4	51.2	51.7	51.7	52.3	52.4	52.6	52.9	
. 1	52.0	52.3	52.4	53.1	53.7	53.7	54.2	54.3	54.5	54.7	
• 7	52.7	52.9	53.0	53.3	54.3	54.3	54.5	54.9	55.2	55.4	
, <u>5</u>	5+.)	55.2	55.3	55.0	56.5	55.6	57.1		57.4	57.5	
. 7	55.7	55.9	55.0	55.8	57.3	57.3	57.8	59.7	58.2	58.4	
. 7	55 <b>.7</b>	56.9	57.0	57.7	58.3	58.3	53.ª	59.9	59.1	56.4	
• 5	53.6	53.8	55.9	59.7	50.2	50.2	50.4	60.)	51.1	61.3	
. •	53.4	57.1	50.2	51.0	51.5	51.5	52.0	62.2	52.4	52.5	
. 3	63.3	53.5	53.7	54.4	54.9	54.9	55.5	55.5	55.3	55.0	
• 5	54.4	54.5	54.7	65.5	56.0	55.0	66.6	56.7	55.7	67.1	
. 7	55.9	66.5	55.5	67.3	67.8	67.8	62.4	5 <b>5</b> • 5	63.7	5E.9	
. 2	53.5	59.1	59.2	70.0	70.5	70.5	71.1	71.2	71.4	71.5	
. 2	72.5	73.5	73.7	74.4	74.9	74.9	75.5	75.6	75.3	76.0	
.5	73.7	74.5	74.5	75.4	75.9	75.9	75.5	76.5	76.3	77.0	
• 2	77.0	78.1	73.2	79.0	79.6	79.6	80.1	90.2	80.4	30.5	
• 5	79.4	30.4	87.5	91.4	31.9	81.9	32.5	82.6	32.8	33.0	
. 1	B2.4	83.4	33.5	34.4	34.9	34.9	35.5	65.6	<b>55.8</b>	ಶ5.೦	
• 3	34.2	35.3	35.4	35.3	86.9	85.9	37.4	8 <b>7.</b> 5	87.7	93 <b>.</b> 0	
• 2	35.3	56.9	37.0	हर, त	99.5	38.5	99.0	99.1	19.4	39.6	
• 2	35.3	97.B	83.0	83.9	87.5	99.5	90.0	90.1	90.3	90.5	
• R	37.4	98.7	वृष्	89.8	90.5	90.5	91.1	91.2	91.4	91.5	
. )	59.1			92.4		93.1	93.7	93.5	94.5	94.2	
· 2 · 5	89.5	91.7		93.0	93.8	93.8	94.3	94.4	94.6	94.9	
• 5		91.9					95.6			96.9	
•6 •5	99.3	92.0	92.4	94.0	95.5	95.6	96.8	96.9	97.6	98.7	
• 2	A9.3	92 • U	92.4	74.7	95.5	95.6	96.9	95.9	97.3	74.1	
• 5	99.3		72.4			95.7					
• • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	*****	•••••	• • • • •	• • • • • • •	•••••		

DPERATING EDUCATION MAN USAFETAC, AS HEVILLE NO

## PERCENTAGE FREQUENCY OF OCCURRENCE OF FRENCH MELT DISCREATED.

	ST	ATTOM:	มีปหลอ <b>ส</b> ร์	747540		AF NCIT		LAÑO ÁFÊ	LA	<del></del>		27,2 <b>1</b> 11,75 <b>1</b>
	• • •		• • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • • • •	VISIBILI	* * * * * * * * * * * * * * * * * * *	STATUTS	411.5.5	· • • • • • • • • • • • • • • • • • • •
		ILING IN	G-	j.:	Sé	<b>3</b> E	GE	65 65	3:	Statory St	41165 37	
		: T	7		5	4	3	2 1/2	, ,	1 1/2	1 1/4	1
	• • •		.,		• • • • •							1
												}
	*11)	CEIL	35.5	43.2	44.5	45.6	45.0	45.1	45.1	45.1	45.1	45.
				_								1
		20000	42.4	50.1	51.3	53.0	53.4	53.5	53.7	53.7	53.7	53.
		13000	42.4	50.2	51.9	53.1	53.5	53.7	53 <u>.</u> 3	53.8	<b>ا</b> و و ب	13.
		16000	42.4	50.3	52.0	53.2	53.7	53.3	53.9	53.9	33.9	53.
		1+000	42.5	50.4	52.2	53.3	53.8	43.9	54.0	54.0	54.7	54.
	GΕ	12909	42.3	51.0	52.7	53.9	54.3	54.4	54.5	54.5	5 + + 5	
	e =	10000	44.3	53.2	55.1	55.3	55.9	57.)	57.1	57.1	57.1	
	ŜĘ.	9010	4 - 1	53.5	55.4	56.7	57.2	57.3	E 7 . 4	57.4	57.4	
	, - ·	3000	45.3	54.3	55.3	57.5	53.2	58.3	55.4-	53.4	53.4	
	śΞ	7000	45.3	54.7	57.0	5A.3	53.9	59.0	59.2	59.2	57.2	5
	GE	6000	47.1	55.9	53.0	59.2	59.9	50.0	57.2	20.2	50.2	50.
	0 -	.5.50		, , , , , , , , , , , , , , , , , , ,	, , <b>, ,</b> 0	<b>7</b> 7 <b>4 1</b> .	,,,,,	, , ,	,,,,	7542	37.6	
	G=	5000	47.	57.4	59.6	53.7	51.5	51.5	51.1	51.8	51.3	41.
	Sã	4500	47.1	53.9	51.1	52.7	63.5	53.7	63.)	53.9	53.7	٠ او ر
	37	4000	50.3	50.5	63.0	54.5	55.6	65.7	65.9	55.7	55.3	95.
	SE	3500	51.0	52.0	54.5	65.2	67.2	67.3	67.5	<b>57.</b> 5	67.5	77.
	SE	3000	52.7	54.5	67.3	69.2	70.5	71.0	71.2	71.3	71.3	71.
							_		_	_	_	
	<b>3</b> .5	2500	54.7	57.0	70.)	72.4	73.3	74.2	74.4	74.5	74.5	7
	95	5000	57.2	59.7	74.0	75.3	73.1	73.5	77.1	79.2	73.4	
	35	1300	57.5	73.1	74.4	75.3	73.5	79.1	79.7	79.3	79.3	70.
	GE	1500	59 <b>.7</b>	73.5	78.3	31.0	33.1	83.8	34.4	34.5	34.5	44.5
	SE	1500	69.4	75.5	80.8	83.9	36.2	87.2	87.8	88.0	38.3	· · · · ·
	GF	1000	50.7	75.5	32.0	35.7	83.4	89.5	90.5	90.8	91.0	91.
	SE	400	61.0	76.7	92.5	35.1	33.3	90.0	91.0	91.3	91.5	71.
···· - ·	SE	300	61.1	77.0	93.1	85.9	73.0	71.2	92.6	93.0	73.2	73.
	GE	700	51.2	77.2	83.3	97.3	91.0	92.3	93.3	34.2	94.5	94 %
	GE	500	51.4	77.4	83.7	87.7	91.8	93.1	94.3	95.5	95.9	26.
	.,,,	000	31.4		,,,,,,	0	1.0	/ 3 • 1	, , ,	. , ,	, , • ,	2.00
	GE	500	61.5	77.5	34.0	38.3	92.3	94.3	95.1	17.3	97.5	97.
	GE	400	51.5	77.5	34.0	83.3	92.8	94.3	95.2	37.4	77.7	98.1
	GE	377	61.5	77.5	34.0	33.3	92.3	94.3	95.2	77.7	98.2	75.7
	Gē	200	51.5	77.5	84.0	83.3	92.9	94.4	96.3	97.3	93.3	9 A . 3
	GE	100	51.5	77.5	94.0	88.3	92.9	94.4	96.3	97.3	98.3	<b>୬</b> ਖ਼.⊸
				<b>44</b> 6	24. 2	20.2	22.6	-	15 7 TH 15 TH	<b>3</b> 5 0 "	30.55	24
	<i>'</i> ; ε	000	51.5	77.5	34.0	99.3	92.9	94.4	95.3	97.8 °	93.3	∄ઘ•∴
	• • •		• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • •

E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

7 = 5	3 LA						3V 73 -	UCT 36			
					443		09-11				
BILI		STATUTE			• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • •	
įΞ	<b>5</b> 8	SE	ĞË	3E	SE	GE	SE	GE	GE	3.E	
1/2	7	1 1/2	1 1/4	1	3/4	5/님	1/2	3/9	1/4	<u> </u>	
	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
5.1	45.1	46.1	45.1	45.1	45.1	46.1	45.1	45.1	46.1	46.1	
5 • 5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
3.7	53.3	53.8	53.3	53.3	53.8	53.9	53.2	53.8	53.8	53.3	
3.3	53.9		13.9	53.3	53.9			53.9		53.7	
3.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0		54.0	
4.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	
7.)	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	
7.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
6.80	53.4	53.4	53.4	53.4	58.4			58.4	50.4	53.4	
9.0	59.2	59.2	59.2	59.2	59.2	59.2	53.2	59.2	59.2	59.2	
0.0	50.2	20.2	50.2	60.2	50.2	60.2	60.2	50.2	60.2	50.2	
1.5	61.3	51.8	51.3	51.8	51.8	61.8	51.3	51.3	61.3	61.3	
3.7	63.9	53.9	63.9	53.7	53.9	63.9	53.9	53.9	63.9	63.9	
o5.7	65.4	55.9	55.9	55.9	65.9	65.9		55.7	65.9	55.3	
7.3	57.5	<b>67.</b> 5	67.5	67.5	57.5	ó7.5	57.5				
71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
74.2	74.4	74.5	74.5	74.6	74.3	74.3	74.3	74.3	74.3	74.3	
73.5	73.1	79.2	79.4	77.4	79.5	79.5	77.6	79.5	79.5	77.5	
77.1	79.7	79.3	79.9	79.9	90.1	30.1	95.1	80.1	33.1	1.68	
3.5	34.4	34.5	34.5	84.5	34.8	34.8	94.3	84.0		34.3	
7.2	87.8	88.0	38.2	89.2	88.4	38.4	38.4	38.4	33.4	98.4	
39.5	90.5	7 <b>3.</b> 8	71.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	
90.0	91.0	91.3	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	
1.2	22.6	93.0	73.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	
2.3	93.3	34.2	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	
3.1	34.3	95.6	95.9	76.0	96.2	96.2	96.2	96.2	96.2	96.2	
14.3	95.1	17.3	97.6	9 <b>7.</b> 8	98.4	98.4	98.4	98.4	98.4	98.4	
14.3	95.2	37.4	77.7	98.2	98.3	98.3	98.8	98.3	98.3	98.3	
14.3	95.2	77.7	98.2	78.7	99.7	99.7	99.9	99.9	99.9	99.9	
4.4	96.3		99.3	98.8	99.8	99.8		100.0		100.0	
4.4	96.3	97.8	98.3	98.9	99.8	99.8	100.0	100.0	100.0	100.0	
4.4		97.8									
		• • • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	

TOTAL NUMBER OF OBSERVATIONS 930

47.6

39.6

39.5

92.8

92.8

92.8

95.3

95.3

95.3

97.2

97.2

97.2

98.1

98.1

93.3

93.8

98.1 793.8

GE

GE

GE

200

100

200

74.7

74.9

74.9

99.2

99.2

79.2

99.5

99.5

97.5

34.4

99.3

39. 1

ITAGE FREQUENCY OF DOCURRENCE OF CEILING VERSUS VISIBILITY — FROM HOURLY DESERVATIONS

FA CVA.	3 LA					<u>กิสิติร์ พื</u> ผูลบุตร:		5 <b>61</b> 83		
	TTY TA	STATUTE	******* MT1 33	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
GE	GE	GE	GE	GĒ	GE	GF	GE	SE	G.F.	ردد
2 1/2	2		1 1/4	1		5/3		3/s	1/4	J
2 1/2										
	• • • • • • •	• • • • • • • •	••••	• • • • • •						
49.5	47.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49,5	49.5
54.6	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.5	59.5	59.5
59.9	5).)	59.9	59.9	57.9	5).7	54.9	59.9	51.7	57.9	57.7
50.0	53.3	50.0	50.5	50.0	50.0	ร์กั. ง	55.5	65.5	50.0	00.0
50.1	50.1	50.1	50.1	50.1	53.1	60.1	60.1	53.1	50.1	60.1
53.9	50.3	50.7	50.9	50.7	20.3	50.9	57.9	67.9	50.9	50.9
, , ,		, ,		· · ·		, , ,	0 / 0	0 7 2	, , ,	, , ,
53.3	53.3	63.9	93.9	63.9	53.9	53.9	53.9	63.9	63.9	53.7
54.5	5+.5	54.6	54.5	54.5	54.5	54.6	04.5	54.5	04.6	54.5
55.5	55.5	55.6	55.5	55.5	55.6	55.6	65.6	55.5	55.0	55.5
35.5	55.5	55.5	55.5	<b>35.</b> 5	55.5	55.5	50.5	66.5	15.5	55.5
55.9	55.9	56.7	65.9	65.3	55.9	46.9	66.9	55.9	56.9	o6.3
67.7	57.7	57.7	67.7	67.7	57.7	67.7	67.7	5 <b>7.</b> 7	67.7	57.7
59.4	51.4	57.4	59.4	59.4	59.4	59.4	69.4	59.4	50.4	59.4
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
73.4	73.5	73.5	<b>7</b> 8.5	<b>7</b> 3.5	73.5	79.5	74.5	73.5	73.5	15.5
32.9	23.0	33.0	33.0	33.0	93.0	93.0	33.0	٩3.0	33.0	33.0
35.7	45.7	35.7	35.7	35.9	96.9	36.9	35.9	35.7	35.9	::5 · 7
37.3	87.5	27.5	37.5	77.5	97.5	57.5	37.5	37.5	37.5	37.5
91.9	42.3	92.4	92.4	92.4	92.4	72.4	92.4	92.4	52.4	32.4
93.5	93.9	34.3	34.1	94.1	94.1	94.1	94.1	94.1	24.1	94.1
74.4	94.3	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	9F.4
74.7	95.5	75.7	35.s	95.0	96.0	95.0	95.0	95.0	96.0	95.0
95.3	97.0	37.2	77.3	97.5	97.5	77.5	37.6	77.3	77.5	57.5
97.1	97.5	93.3	98.5	93.9	98.8	98.3	93.5	95.3	44.3	वन, ३
37.4	93.2	98.5	98.3	99.1	<b>99.1</b>	99.1	99.1	99.1	99.1	79.1
98.1	93.3	79.2	99.5	99.3	99.R	99.3	97.0	99.R	фŋ.я	90 <u>.</u> 8
99.1	95.5	79.2	7).5	99.3		99.3	99.6	79.5	99.5	99.4
78.1	93.5	99.2	77.5	79.7	99.9	99.9	99.9	<del>- 99.9-</del>	79.9	77.7
98.1	93.3	99.2	99.5	29.9	100.0		100.0		100.0	
23.1		99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	
93.1		79.2			100.0		100.0			130.0
	• • • • • •	• • • • • • • •	• • • • • •		• • • • • •	• • • • • •		• • • • • •		• • • • •

DPERATING LICATION MAN USAFETAC, "SHEVILLE NO

## PERCENTAGE FREDURNCY OF LOCURATINGS OF CLEAR HOUSELY DASSERVALL NO.

	* * * * *	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •		* * * * * * * * * * * * * * * * * * *		### CC	• • • •
GETL IN		3=	3 ÷	35	SE	SE	VISIBILI Ga	32 32	314131E 3E	9165 63	G,
1 V		,~ 7	• * * * * * * * * * * * * * * * * * * *	5 5	91. 4	3 3	2 1/2	) )	1 1/2	1 1/4	,
	• • • • •		· · · · · · · · · ·	, , , , , , , ,							
• •				• • • •		• • •	- · · · • • •				
17 0	FIL	41.2	44.3	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47
3= 3	(((6)	52.4	n →	50.1	50.1	50.1	50.1	50.1	50.1	50.1	5)
	3000	52.5	50.0	50.3	60.3	60.3	50.3	50.3	50.3	50.3	50
35 I	5000	52.3	60.2	57.5	50.5	50.5	50 <b>.</b> 5	53.3	55.5	50.5	•,
SE 1	4000	F3.1	50.5	51.0	61.0	51.0	51.0	51.0	51.0	51.0	5.1
G = 1	2000	24.5	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	٠, ;
	3333	57.7	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	1,4
	35.30	54.3	59.0	55.3	55.3	65.3	55.3	65.3	56.3	50.3	55
	d )00	59.7	57.7	აქ <b>.l</b>	<b>53.1</b>	53.1	55 <b>.1</b>	$5 \cdot 1$	53.1	53.1	5
	7000	57.1	50.2	54.5	58.5	53.0	68.5	53.5	53.5	53.5	5
j E	5000	<b>პე•</b> ბ	53.7	59.4	59.4	53.4	59.4	63.4	59.4	57.4	4, 1,
	5000	42.5	79.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	7.1
	45))	63.5	72.7	73.0	73.0	73.0	73.0	73.0	73.5	73.)	7.3
	4000	55.3	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	7°
G •	3507	57.4	77.1	78.1	75.1	73.1	73.1	73.2	7d • 2	75.2	7
99	3000	71.3	92.2	93.4	83.7	33.3	93.9	ત3. ર	33.7	5 <b>3.</b> a	4.3
90	2500	73.2	24.4	35.3	₹5.1	35.2	35.2	25.3	55.3	36.3	٠,
35	2000	79.3	37.1	33.3	39.7	90.0	9).5	93.1	2).1	* ) • 1	• •
	1365	75.5	57.5	89.2	90.2	90.5	90.5	90.5	70.5	70.6	90
	1500	75.3	39.9	วง • คื	91.9	92.8	92.8	93.7	93.0	93.0	ા ૧
3E	1200	75.3	99.5	91.6	93.1	94.2	94.3	94.5	94.5	94.5	94
<b>3</b> F	1000	77.0	37.3	91.9	93.5	94.9	95.1	95.3	95.3	75.3	73 %
S E	900	77.5	90.5	22.3	94.7	96.1	95.2	95.5	95.5	36.5	96
ĞĒ	ลืดว	77.7	30.3	93.2	95.5	77.1	97.4	93.0	78.1	93.1	9.5
68	700	77.3	21.0	93.4	95.7	97.7	98.1	93.7	98.8	93.3	9.3
GE	600	73.3	71.4	94.0	95.2	98.3	98.6	99.5	99.5	91.6	99
SE	500	79.3	91.4	94.0	96.2	93.3	98.5	93.5	99.6	39.5	39
GE.	430		31.4	34.1	95.3	93.6		94.3	39,3	33.3	100
ĞΞ	300	79.3	71.4	94.1	96.3	98.3	78.9			39.3	
GE.	200	73.3	91.4	94.1	96.3	93.6		99.3 99.3	99.9 99.9	99.9 99.9	100
GE.	100	73.3	91.4	94.1	96.3	93.6	98.9	77.0	77.7	# 7 . F	100
G:	000	73.3	91.4	94.1	96.3	93.6	98.7	95.3	99.9	39.9	100

ENTAGE FREDUENCY OF ICCURRENCH OF CETLING VERSUS VISIALLITY FROM HOURLY DASERVATIONS

GLAND AFR	<u> </u>			্ত্রের প্রথাদ:		<u> </u>		)01 5					
VISIBILITY IN STATUTE MILES  GH GE GE GE GE GE GE GE GE GE													
				Sr	GF	G <sub>z</sub>	S -:	ر ا	ي ن	<b>3</b> 1			
2 1/2		1 1/2	1 1/4			5/3	1/2	3/3	1/4	J			
• • • • • • • •	• • • • •	• • • • • • • •		• • • • • •	• • • • • •		• • • • • •		• • • • • •	• • • • • •			
47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1			
50.1	53.1	53.1	50.1	53.1	50.1	5).1	50.1	50.1	50 <b>.1</b>	o).1			
50.3	53.3	50.3	50.3	60.3	60.3	60.3	60.3	50.3	60.3	60.3			
50 <b>.</b> 5	53.3	57.5	50.5	50.5	50.5		60.5		50.5	53.5			
51.0	51.0	51.0	51.0	61.3	51.0	51.0	51.0	61.3	51.0	51.0			
52.7	52.7	52.7	52.7	52.7	52 <b>.7</b>	52.7	52.7	52.7	52.7	52.7			
55.7	55.7	55.7	55.7	<b>65.7</b>	65.7	55.7	55.7	65.7	55 <b>.7</b>	65.7			
55.3	55.3	56.3	55.3	55.3	55.3	55.3	55.3	55.3	60.3	55.3			
55.l	51	53.1	53.1	53.1	39.1	53.1	03.1	— <u>63.1</u>	5.1	i. Eo			
49.5	5₹ <b>.5</b>	63.6	63.5	53.5	65.5	58.5	53.6	59.5	53.5	<b>5</b> ξ. 6			
53.4	59.4	59.4	59.4	69.4	59.4	69.4	59.4	59.4	69.4	59.4			
71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71 4			
73.0	<b>7</b> 3.0	73.0	73.)	73.0	73.0	73.0	73.0	73.3	73.0	71.3 73.3			
75.5	75.5	75.5	75.5	75.5	75.5		75.5	75.5		- <del></del>			
73.1	73.2	75.2	73.2	78.2	75.2	73.2	79.2	78.2	73.2	78.2			
<b>93.</b> 9	н3.Э	33.7	33.3	43.7	33.9	33.9	33.9	93.9	43.0	33.9			
35.2	35.3	35.3	36.3	46.3	36.3	36.3	35.3	96.3	36.3	35.3			
43.3	₹3.1	9).1	30.1	1.00	90.1	90.1	90.1	90.1	<b>∂∪.1</b>	90.1			
90.5	30.5	70.5	70.5	93.5	97.5	90.6	90.6	90.6	90.5	70.5			
92.8	93.7	93.0	93.0	93.0	93.0	93.0	93.0	73.0	73.0	73.0			
94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	34.5	34.5			
95.1	95.3	95.3	75.3	75.3	95.3	95.3	95.3	95.3	95.3	25.3			
36.2	95.5	95.5	36.5	96.5	96.5	96.5	96.5	96.5	95.5	95.5			
97.4	93.0	78.1	93.1	98.2	93.2	93.2	99.2	98.2	93.2	78.2			
98 <b>.1</b>	93.7	98.B	93.8	93.9	93.9	93.9	98.9	93.9	98.9	78.9			
98.5	33.5	39.5	94.6	99.7	99.7	99.7	99.7	99.7	99.7	39.7			
98.5	99.5	77.6	39.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7			
90.9	97.3	39.3	99.9	120.0	100.0	100.0	100.0	100.0	100.0	100.0			
73.7	99.A	99.9	99.7	100.0		100.0	100.0	100.0	100.0	100.0			
93.9	99.8	99.9	99.9		100.0	100.0	100.0	100.0	130.0	100.0			
73.9	99.8	99.9	77.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
98.7	99.3	99.9	99.9	100.7		100.0		100.5		100.0			
		• • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	••••			

OPERATING LOCATION "A" USAFFTAG, ASHEVILLE NO

TOTAL NUMBER OF OBSERVATIONS 930

## PERCENTAGE FREQUENCY OF ICCURPENCE OF FROM HOURLY UBSERVATE

				LST	TO UTC	+ 6	LAND AFE				ਜਹੂਨ ਅਧਾਨ
		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		VISIBIL		CTATHER	911 S.C	• • • •
	ILING IN	g=	<b>3</b> 0	σε	GE			5°		01	-
	er.		-				2 1/2				Ĵ
	1.3. <b>1</b>				4		2 1/2		1 1/4	1 1/4	-
• • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	,	• • • • • • • •	• • • • • •	••••
NJ	CEIL	51.9	55.4	56.5	55.0	56 <b>.</b> 5	56.6	56.6	56.0	54.5	r, r,
GΞ	20000	60.2	54.3	55.4	65.5	65.5	55.5	65.5	55.5	35.5	45
35	18000		54.3	55.4	65.5	65.5	<b>65.</b> 5	65.5	55.5	55.5	65
)	15000	57.2	54.3	55.4	55.5	55.5	55.5	55.5	55.5	ວ <sup>ຽ</sup> • ວ່	55
GE	14000	50.5	54.8	65.9	55.0	55.0	55.0	65.0	66.0	55.0	55
SE	12000	62.3	56.7	6 <b>7.</b> 3	69.0	64.0	68.0	59.0	58.0	63.0	4 <sub>3</sub> *.
	10000		70.5	71.7	71.3	71.8	71.3	71.3	71.3	71.3	71
<u> </u>	90.00	55.3	71.3	72.2	72.3	72.3	72.3	72.3	72.3	72.3	. 72
SE.	4000	- •	73.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.
GE	7000		74.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.
GĒ	6000	59.9	75.2	75.5	75.7	76.7	76.7	76.7	76.7	76.7	75
ĢE	500)	70.5	75.0	77.4	77.5	77.5	77.5	77.5	77.6	77.5	77.
SE	4500	72.2	77.7	79.1	79.4	79.4	79.5	79.5	19.7	79.7	79,
GF	4000	75.)	31.3	32.9	33.2	33.2	33.3	33.4	33.5	13.5	, 62
GΞ	3500	77.2	33.7	84.8	85.5	35.5	45.6	85 <b>.7</b>	45.9	, <del>4</del> 5,3	46
ĢĘ	3000	<b>7</b> ±.3	35.1	87.3	88.0	44.0	38.1	39.2	38.4	33.4	۲٠,
3 -	2500	77.5	35.0	33.3	39.5	89.6	39.7	89.3	90.0	90.0	9) (
38	2000	30.7	37.4	99.3	91.1	91.1	91.2	91.3	91.5	11.5	21.
,	1333	ना.।	37.3	75.3	91.5	91.6	91.7	71.3	92.0	72.5	72.
SE	1500	al.5	38.7	91.9	92.8	93.1	93.2	93.3	73.5	93.5	03,
GΞ	1200	31.0	39.2	92.6	93.4	94.2	94.5	94.7	74.9	34.9	94,
GE	1000	42.2	39.7	93.0	94.3	94.9	95.3	95.5	95,9	95.3	95,
GE	900	52.3	99.9	73.2	94.2	95.2	95.5	95.7	95.0	96.0	75,
Ç.	300	82.7	90.5	74.2	75.2	95.3	95.9	97.1		77.4	<del>- 37</del> ,
SE	700	32.3	99.5	94.3	95.3	96.5	97.1	97.4		97.3	97
GE	500	32.3	20.5	94.3	95.4	97.0	97.6	99.3	73.7	98.7	ગવ,
SE	500	_	99.5	94.3	95.4	97.0	97.5	93.5		90.7	99,
GF	400		90.5	94.3	95.7	97.3	98.0	93.3	79.4	99.4	99,
ĠĒ.	300	36.5	70.5		95.7		98.1			90.7	aş,
GE	200			94.3					99.7		93,
GE	100	32.8	90.5	94.3	95.7	97.4	98.1	98.9	99.7	99.7	99.
3°	<b>ງງ</b> ງ						98.1				99,
• • •	• • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • •	

. .

CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DESERVATIONS

٦Ē	STA CVA	LA			PERIJO		DRD: N	סע 73 - 19-20	JCT 85			
••	15181LI	TV IN	STATUTE	MILES		• • • • • •	• • • • • •		• • • • • •	• • • • • •	••••	
٠	i i i i i i i i i i i i i i i i i i i	3.5	SE		3£	ĞĒ	GΕ	SE	GE	GE	- st	
	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/3	1/4	Ü	
	<u> </u>		4 4 4 4 4 4 4		•				• • • • • •		• • • • • •	
•			• • • • • • • •									
	56.6	55.5	56.6	56.5	55.5	56.5	56.6	55.6	56.6	56.6	56.6	
	55.5	65.5	55.5	65.5	55.5	65.5	55.5	65.5	65.5	55.5	55.5	
	55.5	65.5	55.5	55.5	55.5	55.5	65.5	65.5	65.5	65.5	55.5	
	55.5	65.5	55.5	<b>55.5</b>	55.5	65.5	55.5	65.5	65.5	65.5	55.5	
	55.0	65.0	66.0	65.0	65.0	66.0	66.0	55.0	66.0	66.0	56.0	
	68.0	58.0	58.0	63.0	69.0	53.0	63.0	68.0	54.0	58.0	58.0	
		,,,,		3,40	0,000		3300					
	71.3	71.3	71.3	71.3	71.3	71.9	71.8	71.8	71.3	71.3	71.5	
	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	
	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	75.7	76.7	76.7	
	1041	, ,,	, , , ,				1041		, , , , ,		1001	
	77.5	77.5	77.6	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	
	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
	33.3	33.4	33.5	33.5	33.5	33.5	33.5	83.5	33.5	33.5	33.5	
	R5.6	85.7	95.9	85.8	85.8	85.8	35.8	85.8	35.8	35.9	35.8	
	38.1	39.2	38.4	33.4	83.4	33.4	53.4	83.4	83.4	39.4	36.4	
	3.761	7712	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.5.7.	C.J.	55.	3.34 4	2.34 1	0.34	55• (	, • · ·	
	39.7	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	95.0	90.0	
	91.2	91.3	91.5	91.5	91.5	91.5	71.5	91.5	91.5	91.5	91.5	
	91.7	71.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.5	
	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
	94.5	94.7	34.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	75.1	
	<i>7</i> <b>( )</b> <i>3</i>	, ,	, , ,	, , ,	, , ,		,,,,,,	, , , .	, , , ,			
	95.3	95.5	95.9	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	
	95.5	95.7	95.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	
~	95.9	97.1	97.4	97.4	77.4	97.5	97.5	97.5	97.5	97.5	97.5	
	97.1	97.4	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	
	97.5	99.3	79.7	98.7	99.7	98.8	98.8	98.9	98.9	98.9	96.9	
		., • .,	, <b></b>	, G <b>,</b> ,	, , • •	.,,• 0	, <b>3 t</b> 1)					
	97.5	93.5	99.0	99.0	99.0	99.1	99.1	99.4	99.4	99.4	99.4	-
	78.0	93.3	99.4	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	
	98.1	98.9	99.7	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	
	28.1	93.9	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	
	98.1	98.9	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	
		•		•				-				
	98.1	93.9	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	
_												

UPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF DOCURRENCE OF C FRUIT HOURLY DASEKVATIONS

 ST	ATTON	NUMBER:	747540		AN NOIT		LAND AFE	LA			CIRTS HTVCM
• • •	ILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	VISTRII I	TV IN	STATUTE	MILES	• • • • •
	IN	GF.	Ge	GE	SE	GE	GE	35	SIMIUIL	01 E = 3	GE
	ĒĒT	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1
 • •	• • • • •	• • • • • •				• • • • • •	• • • • • • •		• • • • • • •	• • • • •	• • • • •
רא	CETL	59.1	51.9	62.7	62.9	52.9	52.9	53.1	63.2	53.2	63.2
	20000 18000		55.9 55.9	56.7 56.8	56.∋ 57.0	56.9 67.0	55.9 57.0	67.1 67.2	57.2 57.3	57.2 57.3	57•2 57•3
	15000		55.1	57.0	57.2	67.2	57.2	57.+	57.5	57.5	57.5
	14000 12000	63.4	56.5 58.1	67.3 68.9	67.5 69.1	67.5 69.1	67.5 69.1	57.7 59.4	57.8 49.5	57.3 59.5	67.5
SE SE	10000		59.2 67.7	70.1 70.5	70.3 70.3	70.3 73.8	70.3 70.8	73.5 71.0	70.6 71.1	70.5 71.1	70.6 71.1
 55	3000	67.3	71.5	72.4	72.6	72.5	72.5	72.3	72.7	72.9	72.3
GE	7000		72.5	73.5	73.3	73.8	73.8	74.0	74.1	74.1	74.1
GE	5000	59.9	73.3	74.7	74.9	74.9	74.9	75.2	75.3	75.3	<b>7</b> 5•3
GE GE	5000 4500		74.8 75.2	75.3 77.2	76.0 77.4	76.0 77.4	76.0 77.4	75.2 77.0	76.3 77.7	76.3 77.7	75.3 77.7
 GE	4000		33.5	31.3	32.3	82.4	32.4	32.6	92.7	32.7	72.7
GE	3500		31.2	82.4	82.8	82.9	92.9	83.1	33.2	33.2	83.1
GÉ	3000	17.6	32.5	84.6	85.1	85.2	85.2	85.4	35.5	35.5	25.0
GE CE	2500		34.2	86.5	86.9	97.0	8 <b>7.</b> 0	37.2	37.3 33.7	87.3	37. ·
 3E 5E	2000 1900		35.8 35.5	33.1 33.7	88.5 89.1	33.6 59.2	38.6 39.2	89.3 37.5	37.5	37.5	- mg.5
95	1500		83.5	91.2	91.3	92.3	92.3	92.5	92.6	92.5	92.5
ĞΞ	1200		89.4	92.2	92.8	93.7	93.7	93.9	94.0	94.0	94.
GE	1000	93.7	90.4	93.4	94.2	95.5	95.7	95.9	95.0	95.0	~ <b>9</b> 5.0
SE	900	83.3	90.5	93.7	34.4	95.7	95.9	95.1	95.2	96.2	75.2
 r, F	ठ००		91.5	94.6	95.4	95.3	97.3	97.2	97.3	77.3	97.3
GE	701		92.0	95.3	96.0	97.7	98.0	98.3	93.4	33.4	98.4
GE	600	34.3	92.0	95.4	96.1	98.1	98.3	98.6	98.7	98.7	99.7
GE	500	84.9	72.2	95.5	96.2	78.3	98.5	99.0	99. I	99.1	99.1
GE	400	85.1	92.6	95.9	96.7	98.7	98.9	99.5	99.7	99.7	99.7
 GE	300		72.5	75.9	95.7	99.7	98.9	99.5	99.5	99.3	99.5
GΞ	200		72.6	95.3	96.7	99.7	98.9	97.5	99.8	99.3	99.a
GΕ	100	85.1	92.6	95.9	96.7	93.7	98.9	99.5	79.3	79.8	<del>-9</del> 9.4
GE	000		72.6						99.5	99.8	<del>9</del> 9.3

TOTAL NUMBER OF OBSERVATIONS 930

# ERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ENGI 6	and the second s				PERIOD MONTH:	OF REC	DRD: N HOURS:		OCT 8a		
• • • •	 • • • • • • • • • • • • • • • • •	TV IN	· · · · · · · · · · · · · · · · · · ·		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
Sē '	GE	in SE	GE	GE	GE	GE	<u>SE</u>	GE	ĜE	<u> </u>	≕ GĒ
3	2 1/2	2		1 1/4	1	3/4	5 <b>/</b> 8	1/2	3/3	1/4	5
• • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
2.9	52.9	53.1	63.2	63.2	63.2	53.2	53.2	63.3	63 <b>.</b> 3	63.3	63.3
.9	55.9	67.1	57.2	57.2	57.2	67.2	67.2	67.3	67.3	67.3	67.3
7.0	57.3	67.2	67.3	57.3	57.3	67.3	67.3	67.4	67.4	67.4	67.4
7.2	57.2	57.4	57.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.0
7.5	67.5	57.7	67.8	57.8	67.8	67.8	67.8	63.0	68.0	68.0	68.0
9.1	59.1	69.4	69.5	39.5	69.5	59.5	69.5	59.6	69.5	69.6	59.6
),3	70.3	73.5	70.6	70.5	70.6	70.6	70.6	75.E	70.3	77.8	70.8
0.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
2.6	72.5	72.3	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
3.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
• • 9	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
5.0	76.3	75.2	76.3	76.3	76.3	76.3	76.3	75.5	76.5	76.5	76.5
7.4	77.4	77.0	77.7	77.7	77.7	77.7	77.7	77.8	77.3	77.3	77.3
4	32.4	82.6	32.7	32.7	22.7	32.7	32.7	82.3	82.3	32.3	82.8
2.7	22.9	83.1	33.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
5.2	85.2	85.4	35.5	85.5	85.5	35.5	85.5	85.6	85.6	85.5	35.5
7.0	3 <b>7.</b> 0	~7.Z	97.3	87.3	87.3	37.3	87.3	87.4	37.4	87.4	97.4
3.6	38.6	89.8	<b>33.9</b>	83.9	33.9	88.9	83.9	89.0	89.0	89.0	67.0
2.2	39.2	37.5	87.5	39.5	99.5	89.6	89.6	89.7	89.7	89.7	89.7
. 3	92.3	92.5	92.6	92.6	92.5	92.6	92.6	92.7	92.7	92.7	92.7
3.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
.5	95.7	95.9	96.0	96.0	96.0	96.0	96.0	95.1	96.1	96.1	96.1
. 7	95.9	95.1	95.2	96.2	95.2	95.2	96.2	96.3	96.3	96.3	96.3
3.3	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
. 7	98.0	98.3	93.4	98.4	98.4	98.4	98.4	93.5	98.5	98.5	98.5
• 1	98.3	98.6	98.7	98.7	98.7	98.7	98.7	99.8	98.9	98.9	98.8
. 3	98.5	99.0	99.1	99.1	99.1	99.1	99.I	99.2	99.2	99.2	99.2
3.7	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.3	99.8	99.8	99.8
.7	98.9	99.5	99.8	99.3	99.8	99.8		99.9	99.9	99.9	99.9
3.7	98.9	97.5	99.8	99.3	99.8	99.9		100.0	100.0	100.0	100.0
1.7	98.9	99.5	99.8	79.8	99.8	99.9		100.0	100.0	100.5	100.0
3.7	98.9	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF C

N NETTATE	JMBER:	747547		TO UTC		AND A=3	LĀ			वर्षाः भव्यामः
CETITAL	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	••••••	/ISIBILI	TV TAL		4	• • • • • • • • • • • • • • • • • • • •
CEILING IN	SÉ	G.E	GE	SE	GE '	GË	35 3E	STATUTE	91 <b>0</b> 23	S:
sep <b>T</b>	7	5 t	5	4	3	2 1/2	2	1 1/2	1 1/4	1
	<u> </u>									
NO CETL	45.1	49.5	51.3	51.8	52.3	52.3	52.5	52.5	52.5	52.1.
GE 20000	50.3	55.0	57.3	58.5	53.9	59.0	54.3	59.3	59.3	59.4
SE 13000	51.0	55.1	53.0	53.5	59.1	59.2	51.4	59.5	59.5	50.5
SF 16000	51.1	55.2	58.I	58.7	59.2	59.3	59.5	57.5	57.5	59.7
GE 14000	51.3	55.5	58.4	59.0	59.5	59.5	59.3	59.3	57.9	60.0
GE 12000	52.3	57.7	59.5	60.2	<b>60.7</b>	50.7	51.0	51.0	51.1	61.2
ST 10000	54.3	59.3	51.8	52.4	62.9	53. <del>0</del>	53.3	53.3	53.3	<b>53.</b> 5
GE 9000	54.5	50.2	52.3	62.9	53.4	53.5 53.5	53.3	53.3	53.3	5 <b>4.</b> 0
GE 3000	55.B	51.5	63.7	64.4	64.9	65.0	65.2	55.3	55.3	<del>25</del> • 4
GE 7000	55.4	52.4	54.6	65.3	65.8	55.9	66.2	56.2	55.2	55.3
GE 5000	57.1	53.3	65.6	66.3	66.3	56.9	57.Ì	57.2	67.2	67.3
GC -3000	,,,,,	03.7	0,00	9.74.2	90.0	3047	,, <b>.</b> .	3112	0112	1.0 ° • .7
35 5000	58.0	54.4	55.3	67.5	68.0	68.1	64.4	53.4	o° • 4	55.6
GE 4500	53.3	65.5	53.0	55 <b>.</b> 3	59.4	59.5	67.3	59.3	59.9	7.3.0
SE 4000	51.3	53.5	71.2	72.0	72.5	72.7	73.1	73.1	73.1	73.3
GE 3500	62.3	59.9	72.7	73.7	74.3	74.4	74.7	74.9	74 . 년	74.7
GE 3000	54.2	72.3	75.5	76.6	77.3	77.5	77.3	77.9	77.9	7~.:
GC 2500	55.7	74.4	77.7	79.0	79.8	79.9	30.3	80.4	35.5	80∙o
SE 2000	57.5	75.9	30.6	32.0	32.9	93.1	83.5	33.7	33.7	33.9
GE 1800	53.2	77.5	81.2	82.5	93.5	93.8	34.2	34.4	34.4	<u>84.5</u>
GE 1500	69.7	79.7	83.8	35.5	86.9	37.2	87.7	37.9	33.3	88.1
GE 1200	70.5	31.1	85.6	87.5	89.1	39.4	90.0	70.2	95.3	90.4
GE 1000	71.1	31.8	35.6	88.9	97.8	91.2	91.9	92.2	72.2	792.4
GE 900	71.4	32.2	37.1	89.5	91.5	92.0	92.7	93.0	93.1	93.3
GE 800	71.7	32.7	87.9	90.4	92.6	93.2	94.1	94.4	94.5	94.7
GE 700	71.9	33.0	38.3	91.0	93.5	94.1	95.1	95.5	95.6	95.8
GE 600	72.0	33.2	38.5	91.3	94.0	94.8	95.3	$-\frac{2}{96}$ 3	- 96.4	90.5
0. 000	. 2 . 0	000	30.5	7	7113	<b>,,,</b>	, , • • •	, , , , , , , , , , , , , , , , , , ,	.50.	, , ,
SE 500	72.5	33.3	38.3	91.6	94.5	95.3	96.6	97.2	97.3	97.5
GE 400	72.1	83.3	38.9	91.8	94.7	95.5	95.9	97.6	97.7	78.0
GE 300	72.1	33.4	88.9	91.9	94.9	95.6	97.0	97.3	99.0	93.4
GE 200	72.1	33.4	88.9	91.9	94.9	95.7	97.1	97.9	98.1	98.5
GE 100	72.1	33.4	88.9	91.9	94.9	95.7	97.1	97.9	<del>- 98.1</del> -	79.5
3E 000	72.1	83.4	38.9	91.9	94.9	95.7	97.1	97.9	95.I	<b>399.5</b>
	• • • • • •	<del></del>		• • • • • •				• • • • • •		

TOTAL NUMBER OF DISERVATIONS 7440

AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

40 4=3	LA				OF RECE			JCT 39			
				MUNIH:	MAR HOL	JKS: ALI	<u>-</u>				
		STATUTE		• • • • •						• • • • •	
GE	35	GE						ĜF	GE	G E	
2 1/2	2		1 1/4	<u> </u>			1/2	3/3	1/4	<u> </u>	
• • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	
52.3	52.5	52.5	52.6	52.3	52.9	52.9	53.0	53.0	53.2	52.2	
59.0	59.3	59.3	59.3	59.4	59.6	59.6	59.7	59.7	50.9	59.9	
59.2	59.4		59.5	59.6	59.3	59.8			60.0	50.1	
57.3	53.5	57.5	59.5	59.7	59.9			60.0	20.1	50.2	
59.5	59.3	59.9	59.9	60.0	50.1		60.3	60.3	50.4	50.5	
50.7	61.J	51.0	51.1	61.2	61.3	51.3	51.5	61.5	61.5	31.7	
	. = =							, -		<u>-</u>	
53.0		53.3									
53.5	53.3		53.9	54.0	54.1	54.1	64.3			54.5	
55.0	65.2		65.3	65.4		65.6					
55.9	66.2		66.2	56.3	66.5	65.5	56.6	66.6	66.3		
56.9	57.1	57.2	67.2	67.3	67.5	67.5	67.6	67.6	67.7	67.8	
58.1	64.4	53.4	58.4	58.6	68.7	68.7	53.3	68.9	69.0	69.0	
59.5	69.3	59.8		70.0	70.1	70.1	70.3				
72.7			73.1		73.4	73.4	73.5				
74.4	74.7		74.8	74.9	75.1	75.1	75.2	75.2			
77.5	77.3	77.9	77.9	78.1	73.2	73.2	78.4	78.4	78.5	78.5	
										,	
79.9	30.3	80.4	30.5	80.6	80.9	30.8	80.9	30.9	51.0	31.1	
33.1	33.5	33.7	33.7	93.9	84.0	84.0	84.2	84.2	34.3	34.4	
<b>33.</b> व	34.2	34.4	94.4	84.6	84.7	84.7	84.9	84.9	35.0	35.1	
37.2	87.7	37.9	33.0	88.1	88.3	38.3	88.4				
99.4	90.0	70.2	90.3	90.4	90.6	90.6	90.8	70.8	90.9	91.0	
91.2	91.9	92.2	92.2	73.	92.6	92.6	92.7	92.3	92.9	92.9	
92.0	92.7		93.1	93.3	93.4	93.4	93.6	93.6	93.7		
73.2		94.4			94.9						
94.1	95.1			95.8							
94.8		96.3		96.6				97.0			
95.3	95.5		97.3	97.5	97.3	97.9	93.0	98.0	98.2	99.2	-
95.5	95.9	97.6	97.7	78.0	98.3	98.3	93.5	98.5	93.6	98.7	
95.6	97.0		93.0	98.4	98.8	98.8	99.0	99.0	99.2	99.4	
95.7	97.1	97.9	98.1	98.5	99.0	99.0	99.3	99.3	99.5	99.7	
95.7	97.1	97.9	98.1	98.5	99.0	99.0	99.3	99.4	99.5	100.0	
95.7	97.1	37.9	98.1	98.5	99.0	99.0	99.3	99.4	99.6	100.0	
• • • • •	•••••		• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	. <u></u>

7 - 7 - 27

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CE FROM HOURLY DASERVATIONS

STAT	NCT	NJMBER:	747540				LAND AFB	LA			263IJ)
				LST	TO UTC	+ 6			÷		HONTHE
CEIL	ING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	VISIBILI	TY IN	STATUTE	MILES	
I٧	1	SE	GE	GE	GE	GE	GĒ	ĞĒ	GÉ	SE	G E
FEE	T	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	l
• • • •	• • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •
NO C	EIL	50.7	55.0	57.2	53.7	59.2	59.2	59.2	59.3	59.3	50.6
	ەدەدە		53.7	50.9	52.4	63.0	63.0	63.3	53.1	53.1	53.3
	8000		58.7	50.9	52.4	63.0	53.0	63.0	53.1	53.1	_ 53.3
	6000		58.7	50.9	52.4	63.0	53.0	63.0	53.1	53.1	53.3
	4000		58.9	51.1	62.7	63.2	63.2	63.2	53.3	63.3	63.5
G∃ 1	.2000	55.3	59.9	62.3	63.9	54.4	54.4	54.4	54.5	64.5	54.3
	0000		51.4	64.1	65.3	55.4	56.4	65.4	55.5	65.5	55.
	9900		52.1	54.8	65.4	67.1	67.1	67.1	57.2	57.2	57.4
SE	3000		53.4	55.1	57.5	63.6	58.6	63.0	58.9	58.9	29.1
	7000		03.5	66.2	67.9	68.7	58.7	53.7	59.7	59.7	65.5
GE	6000	53.9	33.9	66.6	69.2	59.0	69.0	69.2	59.3	69.3	69.5
3=	5000	50.3	65.5	58.2	69.9	70.7	70.7	70.9	7ϕ9	71.0	71.3
	4500		55.2	53.9	73.7	71.4	71.4	71.7	71.8	71.3	72.0
GF	4000	63.4	69.3	72.4	74.5	75.3	75.3	75.5	75.7	75.7	75.9
SE	3500	64.3	70.8	74.0	76.4	77.7	77.7	77.9	78.0	79.0	79.2
GE	3000	65 <b>.</b> 3	72.3	76.1	78.3	80.0	30.0	30.2	80.3	30.3	50.5
GE	2500	66.7	74.3	77.3	80.4	31.7	32.0	32.2	32.3	32.3	<b>੫2 •</b> ੁ
	2000		76.8	30.9	83.6	34.3	35.1	35.3	35.4	35.4	35.7
	1300		73.1	32.2	85.0	86.2	86.5	86.9	36.9	36.9	57.1
	1500		30.3	85.0	98.0	89.3	89.7	89.9	90.0	90.0	90.2
	1200		32.0	86.3	89.9	91.3	91.7	92.0	92.1	92.1	92.3
SE T	ĭnon	72.9	32.4	37.7	90.9	92 /	92.8	93.1	93.2	93.2	22 /
9£ 9£	900		22.7	87.9	91.1	92.4 92.7	93.0	93.3	93.4	73.4 73.4	93.4 93.7
<u>35</u>	300		33.4	39.2	93.1	94.7	95.0	95.3	95.4	95.4	75.7
ĞĘ	700		83.5	89.3	93.2	95.0	95.3	95.7	96.0	96.0	95.2
G E	500		34.2	90.0	94.1	96.1	95.4	96.8	97.2	97.2	97.4
GE	500		34.2	90.2	94.3	96.7	97.0	97.5	98.0	98.0	98.2
SE	400		34.2	90.2	94.3	96.9	97.2	93.0	98.7	98.7	<del>38.9</del>
SE	300		84.2	90.2		97.1	97.4	93.4	99.2	99.2	39.4
GE	200		34.2	90.2	94.4	97.1 97.1	97.4	98.4	<del>99.2</del> <del>99.2</del>	99.2	99.4
GE	100	73.7	84.2	90.2	94.4	71.1	97.4	90.4	77.2	99.2	99.4
SE	000		34.2								
••••	• • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	· · · · · · · ·	• • • • • •	• • • • • •

TOTAL NUMBER OF OBSERVATIONS 900

## AGE FREDUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

NO AFE	6 LA				OF RECO			JCT 38			
		STATUTE		•••••			• • • • • •		• • • • • •	• • • • • •	
GE	GE GE				GE		GE	GE	GE	ĠĘ	
			1 1/4					3/8	1/4	3	
		• • • • • • •	• • • • • •				• • • • • •		• • • • •	• • • • •	
59.2	59.2	59.3	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	
53.0	63.5	53.1	53.1	53.3	53.3	63.3	63.3	53.3	53.3	63.3	
53.0	63.0	63.1	53.1	53.3	63.3	63.3	63.3	63.3	63.3	63.3	
53.0	63.0	53.1	53.1	53.3	53.3	53.3	63.3	63.3	63.3	63.3	
53.2	63.2	53.3	63.3	63.6	53.6	53.6	63.6	63.6	53.5	53.6	
54.4	54.4	54.5	64.5	64.A	64.3	64.9	64.8	64.8	64.9	54.8	
50.4	65.4	56.5	65.5	66.8	56.8	66.8	66.8	56.3	66.3	55.3	
67.1	67.1	57.2	67.2	67.4	67.4	57.4	67.4	57.4	67.4	67.4	
58.5	53∙3	58.9	58.9	59.1	69.1	59.1	69.1	69.1	69.1		
58.7	59.9	59.0	59.0	69.2	59.2	59.2	69.2	69.2	69.2	59.2	
59.0	69.2	59.3	69.3	69.5	59.6	69.6	59.6	69.6	59.5	69.5	
70.7	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
71.4	71.7	71.8	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.3	
75.3	75.5	75.7	75.7	75.7	75.9	75.9	75.4	75.9	75.9	75.9	
77.7	77.9	78.0	79.0	79.2	78.2	78.2	73.2	78.2	78.2	78.2	
30.0 °	30.2	80.3	80.3	80.6	90.5	30.6	80.6	30.6	80.5	90.6	
32.0	32.2	32.3	B2∙3	82.5	82.5	82.6	82.6	82.5	32.5	82.6	
35.1	35.3	35.4	35.4	35.7	35.7	85.7	85.7	95.7	85.7	35.7	
30.5	36.3	36.9	36.9	37.1	37.1	37.1	87.1	37.1	37.1		
39.7	89.9	<b>30.</b> 0	90.0		90.2		90.2	90.2			
91.7	92.0	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
92.5	93.1	93.2	73.2	93.4	93.4	73.4	73.4	93.4	93.4	93.4	
93.0	93.3	93.4	93.4	93.7	93.7	93.7	93.8	93.8	93.8	93.8	
95.0	95.3	95.4	95.4	95.7				95.3	95.8	95.3	
95.3	95.7	96.0		96.2	-						
95.4	95.8	97.2	97.2	97.4	97.4	97.4	97.6	97.6	97.5	97.6	
97.0	97.5	98.0	98.0	98.2	98.2	98.2	93.3	98.3	98.3	98.3	
77.2	93.0	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	
37.4	93.4	99.2	99.2	99.4	99.6	99.6	99.7	99.7	93.7	99.8	<del></del>
97.4	98.4	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	
97.4	98.4	39.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	
97.4	93.4	99.2			99.7		99.9	99.9		100.0	
• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		•••••	

OPERATING LOCATION "A" USAFETAC, ASHFVILLE NO

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILS FROM HOURLY DESERVATIONS 1

STATION NUMBER		LST	to utc	+ 6	LAND AFE	LA			व्हरात्र । भग्गामः १
CEILING	• • • • • • •	• • • • • •	• • • • • •			TV TAL	STATUTE	MITTER	• • • • • • • • •
IN GE	ge	GE	GΕ	⊤ GE	GE	SE .	STATUTE	31653	GE
FEET 7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	3 <u>-</u> 1
**********					2 1/2		1 1/2	1 1/4	
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •						• • • • • • • •	••••	• • • • • • • • •
NO CEIL 43.4	45.4	49.7	51.9	53.9	54.0	55.0	55.2	55.2	55.4
GE 20000 44.5	48.1	51.3	54.3	56.4	56.0	57.7	57.9	57.9	53.1
GE 18000 44.5	43.1	51.3	54.3	55.4	56.5	57.7	57.9	57.9	53.1
GE 15000 44.5	43.1	51.8	54.3	56.4	56.5	57.7	57.9	57.9	53.1
GE 14000 44.9	48.3	52.0	54.6	56 <b>.7</b>	56.8	57.9	53.1	53.1	54.3
GE 12000 45.4	49.0	52.8	55.4	57.7	57.9	59. o	59.?	59.2	59.4
									1
35 10000 47.1	50.7	54.5	57.3	60.0	50.2	51.3	51.6	51.5	51.3
3E 3000 47.4	51.1	55.1	53.4	60.7	60.9	52.0	52.2	52.2	52.4
3E 3000 43.4	52.1	55.1	59.4	61.7	51.9	63.3	63.6	53.5	53.3
GF 7000 49.4	52.1	56.1	59.4	61.7	61.9	63.3	53.5	53.5	63.9
50 5000 49.0	52.3	55.3	50.1	62.3	52.5	54.0	54.2	34.2	54.4
GE 5000 49.5	53.7	57.7	51.1	63.3		65.0	55.2	55.2	55.4
GE 4500 50.0	54.3	58.3	61.8	64.0	54.2	65.7	65.7	65.9	65.1
GC 4000 50.7	55.7	59.8	53.9	66.2	55.4	63.1	59.3	58.3	53.5
GE 3500 51.7	56.7	60.7	55.1	67.6	<b>67.8</b>	59.5	59.3	59.8	70.0
GE 3000 53.5	53.5	62.3	57.3	70.1	70.3	72.2	72.4	72.4	72.5
and and a second									
SE 2500 53.9	59.4	64.2	59.0	71.8	72.0	73.9	74.1	74.1	74.4
GE 2000 55.8	52.1	67.1	72.0	74.9	75.2	77.1	77.3	77.3	77.7
GE 1800 56.7	53.2	55.3	73.3	75.2	76.5	73.4	73.7	73.7	79.0
GE 1500 59.9	55.4	71.9	77.1	80.1	80.6	32.6	32.3	82.3	83.1
35 1200 60.2	53.3	74.2	30.0	33.2	33.3	85.3	35.0	35.0	36.3
65 1000 (C)	, , ,		01.7	70 7 4	i granding i i i	1875 8		, a	4 4 1
GE 1000 60.9	59.1	75.4	81.7	85.3	35.9	83.5	33.4	ਰਨੇ-4	33.3
GE 900 61.3 GE 800 61.7	59.9	76.4	82.8	86.4	87.0	39.1	99.6	89.5	92.1
	70.9	73.0	94.7	39.3	39.1	91.3	71.8 72.7	91.3	93.1
GE 700 62.3 GE 600 62.3	71.3 71.9	78.6 79.4	85.2 36.1	39.2 95.6	90.0	92.2	94.4	74.4	95.0
96 600 92.5	11.7	17.4	20.1	90.0	71.5	74.0	74.7	77.4	77.0
65 500 62.3	71.9	70 4	86.4	от - э	05 N	05 A	<u> </u>	্রদ্ধ	75.3
GE 400 52.8		79.4	86.6	71.2	92.0	95.4	95.5 96.2	95.2	95.9
	72.5	79.6	85.5	71.4	76.6	95.7	75.4	96.4	97.1
	72.0	79.5	86.6	91.4	92.3	95.7			97.2
	72.3	79.5	36.5	91.4	92.3	35.7	95.5		97.3
	1 L • J	1 7 6 ()	J G # J	7647	, L V				
GE 000 62.8	72.5	79.5	86.6	91.4	92.3	95.7	95.5	76.6	<del>97.3</del> [
									1

TOTAL NUMBER OF OBSERVATIONS 900

## FROM HOURLY DESERVATIONS

ËNO	GLAND AFB	LA	<del></del>		PERIOD	JF REC	JRD: N.	JV 73 -	JCT 83		
- 6					HOVTH:	APR	สภบสระ (	03-05			
• • • •	• • • • • • • • •	• • • • • •	• • • • • •				• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • •
36	VISIBILI					·				·	جد <u>م</u>
35 3	GE 2 1/2	5£ 2	GE	GE 1 146	SE	GE 3/4	GE 5∕8	3ē 1/2	GE 3/8	GE 1/4	5Ë 0
.)	2 1/2		1 1/2	1 1/4	1	3/4	770	1/2		1/7	
• • • •		• • • • • •	• • • • • • • •	• • • • • •			• • • • • • • •				
3.9	54.0	55.0	55.2	55.2	55.4	55.7	55.7	55 <b>.7</b>	55.7	55.3	55.B
	,		, , , ,	- · · ·		-					
5.4	56.0	57.7	57.9	57.9	58.1	58.3	58.3	58.3	53.3	59.4	50.4
5.4	56.5	57.7	57.9	57.9	58.1	58.3	58.3	58.3	58.3	53.4	58.4
5.4	56.5	57.7	57.9	57.9	59.1	58.3	58.3	58.3	58.3	58.4	53.4
6.7	56.8	57.9	58.1	53.1	58.3	58.5	58.6	58.6	53.6	58.7	58 <b>.7</b>
7.7	57.9	59.0	59.2	59.2	59.4	59.7	59.7	59.7	59.7	59.3	59.8
		7	<del>.</del>				المستحد المستحد		=	يرسين د س	
5.0	50.2	61.3	51.6	51.5	51.8	52.0	62.0	52.0	52.0	02.1	62.1
2.7	60.9	52.0	52.2	52.2	52.4	52.7	52.7	52.7	52.7	52.8	62.3
1.7	51.9	63.3	63.6	63.6	<b>53.</b> 8	54.0	64.0	64.0	64.0	64.1	64.1
1.7	51.9	63.3	53.5	63.6	63.8	64.0	54.0	54.0	64.0	54.1	64.1
2.3	52.5	54.0	54.2	54.2	54.4	64.7	64.7	54.7	54.7	64.3	64.8
3.3	42 6	65.0	55.2	55 <b>.</b> 2	55.4	65.7	65.7	55.7	65.7	65.8	05.8
	53.5										
4.0	<u> 54.2</u> 55.4	55 <b>.7</b>	65.9	65.9	65.1	66.3	55.3	56.3	58.8	66.4	66.4
5.2		63.1	59.3	68.3	53.5	63.3 70.2	63.9 70.2	63.8		65.9 70.3	63.9 70.3
7.6	67•8	59.5 72.2	<u> 59.3</u> 72.4	59.4 72.4	70.0 72.8	73.0	73.0	70.2 73.0	70.2 73.0	73.1	73.1
'0•1	70.3	12.2	14.4	12.4	14.0	13.0	13.0	15.0	13.0	73.1	13.1
1.9	72.0	73.9	74.1	74.1	74.4	74.7	74.7	74.7	74.7	74.8	74.3
4.9	75.2	77.1	77.3	77.3	77.7	77.9	77.9	77.9	77.9	73.0	78.0
5.2	76.5	73.4	73.7	73.7	79.5	79.2	79.2	79.2	79.2	79.3	79.3
2.1	80.6	32.6	32.8	82.8	83.1	83.4	33.4	23.4	83.4	33.5	83.6
3.2	33.3	#5.3	75.0	36.5	35.3	36.7	96.7	85.7	85.7	86.8	95.3
,,,,	330.3		.500	, , , ,	3313	33.1		,,,,	001,		
5.3	35.9	83.5	33.4	38.4	33.3	39.1	89.1	39.1	89.1	39.2	39.2
5.4	87.0	39.1	99.6	89.6	89.9	90.2	90.2	90.2	90.2	90.3	90.3
4.3	39.1	91.3	71.8	91.3	72.1	92.4	92.4	92.4	92.4	92.6	92.6
9.2	90.0	92.2	72.7	92.7	93.1	93.4	93.4	93.4	93.4	93.5	93.6
3.6	91.3	94.5	94.4	74.4	95.0	95.3	75.3	95.3	95.3	95.4	95.4
1.2	92.0	95.0	95.5	95.8	76.3	96.7	96.7	95.7	96.7	96.8	95.8
1.3	92.2	95.4	96.2	96.2	95.9	97.4	97.4	97.7	97.7	97.5	97.3
1.4	92.3	95.7	75.4	96.4	97.1	97.8	97.8	93.0	98.1	98.2	98.4
1.4	92.3	95.7	96.6	96.6	97.2	98.0	98.0	98.4	98.7	98.9	99.1
1.4	92.3	95.7	95.5	96.6	97.3	98.1	95.I	99.7	98.9	99.I	99.3
1.4	97.3	95.7	35.6	76.6	97.3	98.1	98.1	98.7	98.9	99.2	100.0
	,										
• • • •	• • • • • • • •		• • • • • • •			• • • • • •	• • • • • • •	<del></del>			

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

TOTAL NUMBER OF DESERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE OF C

STAT	TION N	JM35्र:	747540	LST	TO UTC:	+ 6	AND AFB	LA			TRERISS MONTHE
0014	TNC	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		/ISIBILI	* * * * * * * * * * * * * * * * * * *		4 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	• • • • • •
CEIL	_	ĞĘ	G C	GE	ĠĖ		GĒ			MILES	~ -
IN PES						GE		5 E	9£	SE	37
				5	4	3	2 1/2		1 1/2	1 1/4	. 1
• • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	
4) C	EIL	31.6	38.3	41.3	42.4	43.0	43.9	44.3	44.3	44.2	45.2
G≅ 2	coros	33.5	41.0	44.4	45.9	47.1	43.3	43.7	47.2	49.2	49.7
	60081	33.5	41.0	44.4	45.9	47.1	48.7	43.7	49.2	49.2	49.7
	6000	33.5	41.3	44.4	45.9	47.1	48.0	43.7	49.2	47.2	49.7
	4000	33.6	41.0	44.4	45.9	47.1	48.0	44.7	49.2	49.2	49.7
	2000	34.5	42.1	45.7	47.1	43.3	49.2	47.7	50.4	50.4	50.4
		• -								·	
GE 1	10000	35.9	44.0	47.7	49.3	50.6	51.4	52.1	52 <b>.7</b>	52.8	- F 3 , 3 ,
GE	9000	35.3	44.5	43.2	49.9	51.2	52.1	53.0	53.6	53.7	54.
GE	3000	37.3	46.4	50.5	52.4	54.0	55.2	55.2	55.0	57.5	- 57.5 <b>(</b>
GE	7000	37.4	46.7	50.8	52.9	54.6	55.B	55.8	57.4	57.5	53.1
GE	6000	37.5	47.0	51.1	53.2	54.9	55.1	57.1	57.3	57.9	5
											· · · · · · · · · · · · · · · · · · ·
ĢΞ	5000	33.?	47.4	51.6	54.2	55.2	57.4	53.4	53.1	59.2	59.
G E	4500	33.7	43.0	52.1	54.3	56.8	58.0	57.0	59.8	49.9	50.0
5.5	4000	37.3	49.3	53.8	56.7	53.3	30.3	51.5	51.3	51.7	52.
GΞ	3500	39.9	50.1	54.7	57.6	59.3	51.0	62.3	52.3	62.9	63.5
GĖ	3000	40.5	50.9	55.0	58 <b>.7</b>	61.0	62.2	63.2	64.0	64.1	54.
											· ·
SF	2500	41.2	52.0	57.0	60.7	63.2	54.7	65.8	55.6	50.7	57.
$G \in$	2000	43.4	54.8	50.1	53.8	65.3	57.3	69.0	67.8	57.7	72.1
35	1800	44.0	55.8	5T.I	54.9	57.4	58.9	73.2	71.0	71.7	71.
0.5	1500	45.7	53.7	65.1	69.2	72.0	73.4	75.0	75.9	75.7	74.7
e E	1200	46.4	50.2	67.3	72.4	75.3	77.0	73.7	79.0	79.7	- ≥0.5 {
											Ţ
S⊨	1000	47.2	61.3	67.1	75.1	73.2	79.9	31.7	32.5	32.7	₹3.4
<i>(</i> , =	900	47.3	52.4	70.5	76.9	30.4	92.1	34.2	35.1	35.3	55.1
GE	800	47.3	53.1	71.7	78.6	P2.3	94.0	35.4	P7.4	37.9	FF . 5
SE	700	43.1	63.4	72.0	79.1	83.1	85.0	9 <b>7.7</b>	48.3	39.2	_ 90•∋ ]
GE	600	43.2	33.3	72.5	80.5°	34.1	36.4	37.3	90.4	20.9	91.7
											1
GE	500	49.3	64.4	73.2	80.8	85.1	<b>37.</b> 5	95.5	91.3	92.2	93.0
35	400	43.3	54.5	73.4	91.0	85.3	37.9	91.9	92.1	92.5	33.5
GE	300	48.3	54.6	73.4	81.1	35.6	38.1	71.2	92.4		1
ĢE	500		54.5	73.4	81.2	85.7	88.2	91.3			94.3
GE	100	48.3	64.6	73.4	81.2	85.7	88.2	91.3	92.6	93.0	94.3
											[
SE	000	48.3	54.5	73.4	31.2	85.7	88.2	91.3	72.6	93.0	74.3
• • • •		• • • • • •	• • • • • •		• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •

.. . .

900

9 - 2 - 30

YTILLEIZIV ZUZSAV QVILLEO AC BOMARRUODO AC YOUAUGFFA BE

4 F.B	LA					USD: N		OCT 89		
		· · · · ·		MONTH:	APR	HJURS:	06-08			
9111	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
=	3E	SE	SE	SE	ŝΕ	ĠΞ	S⊬	GE	GE	9 C
1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	1)
• • • •		• • • • • • •	<del></del>		• • • • • •	• • • • • •		• • • • • •		• • • • •
		-								
. 9	44.3	44.9	44.3	45.2	45.2	45.4	45.7	45.7	45.9	45.9
,	45.4		55 - 15 -	25 S	· -	/ Ö . Ö	50.1	c o - •	5 A 3	r 0 1
.)	43.7 43.7	49.2 49.2	49.2 49.2	49.7 49.7	43.7 49.7	49.9 49.9	50.1 50.1	50.1 50.1	50.2 50.2	50.3 50.3
5 -	43.7	49.2	49.2	43.7	49.7		53.1	50.1	50.2	53.3
.0	49.7	49.2	49.2	49.7	49.7	49.9	50.1	50.1	50.2	50.3
2	43.9	50.4	50.4	50.9	50.9	51.1	51.3	51.3	51.4	51.5
			•							
. 4	52.1	52.7	52.8	53.3	53.3	53.6	53.3	53.8	53.9	54.0
• 1	53.0	53.5	53.7	54.2	54.2	54.4	54.7	54.7	54.3	54.9
• 2	55.2	55.9	57.0	57.6	57.6	<b>57.</b> 3	53.1	53.1	50.2	55.3
• 3	55.4	57.4	57.5	59.1	58.1	5월 • 3	55.7	58.7	58.3	59.9
• 1	57.1	5 <b>7.</b> ∃	57.9	53.4	58.4	59 <b>.7</b>	59.0	59.0	59.1	59.2
. 4	53.4	53.1	39.2	59.3	59.8	50.0	60.3	52.3	4.3.7	67.5
	59.0	59.B	59.9	50.5	50.5	50.3 50.3	51.1	51.1	5).4 51.2	61.3
• 5	51.5	51.3	51.9	52.5	52.5	<u> </u>	53.1	53.1	03.2	53.3
• 0	62.0	52.3	62.9	63.6	53.5	53.3	54.1	54.1	54.2	54.3
. 2	63.2	54.7	54.1	64.4	54.9	25.0	55.3	65.3	55.4	65.6
• 7	<b>55.</b> 3	55.6	ób <b>.7</b>	57.3	57.3	67.6	57.9	57.9	63 <b>.1</b>	68.2
• 3	51.)	57.8	53.3	70.5	70.5	70.9	71.1	71.1	71.3	71.4
• 3	73.2	71.0	71.1	71.8	71.9	72.0	72.3	72.3	72.5	72.7
• 4 • 0	75.0 73.7	75.9 79.0	76.0 79.7	75.7 80.3	76.7 30.3	76∙9 ₹∂∙5	77.2 20.9	77.2 90.9	77.4 21.1	77.6 31.2
• 6	1 1 . 1	17.0	17.1	(OU • 3	7 / 6 3	70.3		300	~1.41	71 • 2
. 9	31.7	32.5	32.7	33.4	93.4	33.7	34.0	34.0	34.2	84.3
. 1	34.2	35.1	35.3	35.1	36.1	30.3	25.7	35.7	45.7	37.0
.5	95.4	R7.4	37.9	89.5	नुमु.5	98.8	39.1	39.1	39.3	39.4
• 0	37.7	48.3	89.2	30.0	90.1	90.3	90.7	90.7	90.9	91.0
• 4	49.3	90.4	70.9	91.7	92.0	92.2	92.6	92.5	35.8	92.9
,	07 (	61.5	55 3	37 5	23 7	32 · 7	07.0	03 B	37.1	0/ 1
• 5	90.5 90.9	91.8 92.1		93.5				93.9		
: <del>'</del>		92.4								
. 2		92.5								
• 2	91.3	92.6	73.0	94.3	95.1	95.3	95.8	96.8	97.3	39.7
• 2	91.3	72.6	93.0	74.3	95.I	95.3	93.9	95.3	97.9	100.0
• • • •				• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • •

OPERATING LOCATION MAM USAFETAC, ASHIVILLE NO

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CHI ENDM HOURLY DISTRYATIONS

STATION	N JMBER:	747540		TO UTC		LAND AFR	LA		<u> </u>	ंट्रेंद्री १। प0्यामः
CEILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • • •
IN	S.F	5.F	SE	Sé					្សីអ វូម	3
FEET	7	5. 5	5	4	3		2			1
			*****				• • • • • •		••••	
NJ CEIL	44.)	43.5	49.6	50.0	50.1	50.1	50.1	5).1	50.1	52.?
38 P0000	43.2	53.9	55.0	55.3	53.9	56.0	55.)	55.0	54.0	55.1
SE 15000		54.0	55.2	55.0	55.1	55.2	50.2	55.2	25.2	50.3
35 15003		54.2	35.4	56.2	55.3	50.4	50.4	F6.4	55.4	50.5
SE 14000		54.7	55.9	56.7	50.3	56.9	35.7	56.9	56.7	57.
GE 12000		50.9	57.1	58.7	58.1	58.2	5 2	58.2	53. ?	55.3
					_			•		
35 10000	51.1	57.3	53.3	59.7	5).8	59.9	57.7	59.9	59.9	50.1
SE 3100	51.)	5 7 . 4	59.)	50.3	53.9	51.0	51.0	51.0	51.)	51.1
35 3003		51.0	53.3	54.2	54.3	54.4	54.4	54.4	54.4	54.5
36 <b>7</b> 000		33.5	54.1	55.0	55.1	55 <b>.</b> 2	55.2	55.2	55.2	65.3
65 6000		52.3	54.4	55.3	55.9	55.0	55.)	65.7	55.0	55.1
								- •		
5F 5000	57.3	34.4	55.1	57.3	67.4	57.5	57.5	57.5	o7∙5	57.7
35 4500		55.4	57.1	53,4	53.6	53.7	54.)	59.0	59.9	49.1
GF 4000		55.7	53.7	70.1	70.3	70.4	70.5	70.3	70.4	70.7
92 3500		57.7	59. 4	71.2	71.4	71.5	71.9	71.9	71.7	72.
SE 3000		70.7	73.1	74.6	74.3	74.9	75.2	75.2	75.2	75.3
35 2500	52.3	72.5	75.2	75.7	75.9	77.0	77.3	77.3	77.3	77.4
66 2000	55.1	75.3	79.4	31.0	81.7	31.3	82.1	32.1	32.1	02.
5F [355	75.5	77.7	31.0	92.5	33.2	33.3	73.7	33.7	13.7	:3.
GE 1500	57.3	31.7	35.3	87.1	37.9	85.0	23.3	53.3	30.3	-7.4
SF 1200	63.4	33.3	83.4	90.3	91.9	92.0	92.5	32.5	32.5	22.7
										- 1
SF 1000	59.7	34.2	39.7	92.∂	93.9	94.0	74.5	94.5	94.5	34.4
5E 900		44.4	33.9	93.0	94.3	94.4	95.2	95.2	95.2	95.3
SE 800	50.3	34.7	70.3	93.7	95.0	95.3	72.2	95.2	76.2	76.3
GE 700	59.3	34.3	90.5	94.1	95.6	95.9	95.9	96.9	95.9	97.1
SE 500		35 <b>.1</b>	20.9	94.4	95.9	95.2	97.4	97.4	77.4	97.5
	-	_			-					<b>†</b>
SE 500	67.5	35.2	91.0	94.5	96.1	96.5	93.3	98.4	18.4	93.5
3F 400	67.5				95.2	95.7		38.9	39.7	09.3
55 T 355	57.5	25.7	91.0	94.5	76.3	95.7 95.3	93.3	97.1	97.4	77.9
GE 200	59.5		91.0	94.6	95.3	96.8	93.3	79.1	79.4	97.7
SE 100	69.5	35.2	91.0	94.6	96.3	96.8	98.3	99.1	99.4	99.3
92 099	57.5	35.2	91.0	94.5	95.3	36.3	93.3	99.1	70.4	94.9
• • • • • • •									• • • • •	

AGE FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY FROM HOURLY DOSCRVATIONS

1371	TY IN	STATUTS	411 ES	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	
3.		GE.	GE.	ŞΞ	3E	3.F	S =	G E	<b>9</b> 5	3.5	
1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	<u> </u>	
• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
).1	50.1	50.1	50.1	50.2	50.2	50.3	50.2	50.2	50.2	50.2	
, • 1	) J • L	1001	27.1	) <b>(</b> • 2	50.2	50.2	70 • 2	3906	70 • 2	11. • ∠	
ن و و	53.)	55.0	55.0	56.1	55.1	56.1	56.1	56.1	55.1	56.1	
5.2	50.2	55.2	55.2	56.3	56.3	55.3	55.3	56.3	50.3	55.3	
5.4	55.4	56.4	55.4	50.6	56.6	55.0	55.5	50.5	55.5	55.6	
5.3	34.7	56.9	56.4	57.0	57.0	57.0	57.0	57.7	57.0	57.0	
· 2	53.2	58.2	54.2	59.3	5H.3	53.3	5×.3	53.3	53.3	56.3	
	5 <b>3</b> .	<b>=</b> 0.0	r.> 3	40.0			( ) 0		2 2		
1.3	57.7	59.9	59.9	50.0	60.0	60.0	50.0	50.0	52.0	60.0	
1.7	51.9	51.0	51.)	51.1	51.1	51.1	61.1	61.1	61.1	51.1	
4 . 4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	64.5	54.5	64.6	
5.2	55.2	55.2	55.2	65.3	55.3	<u> 55∙3</u>	55.3	55.3	55.3	55.3	
4 <b>.</b> 0	55.)	55 <b>.</b> ↑	55.0	65.1	55.1	56.1	66.1	55.1	56.1	56.1	
7.5	57.5	57.5	57.5	57.7	67.7	67.7	67.7	67.7	57.7	07.7	
3.7	59.3	57.0	59.0	59.1	59.1	69.1	59.1	59.1	59.1	59.1	
2.4	70.3	73.3	70.3	73.9	70.9	75.9	70.9	70.9	73.9	75.9	
1.5	71.5	71.9	71.7	72.0	72.0	72.3	72.0	72.0	72.0	72.0	
4.9	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
<b>7</b> 0	77	77 1	77 )		<b>33</b> /						
7.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
1.5	52.1	32.1	32.1	55.5	32.2	<u> 32.2</u>	52.2	82.2	32.2	32.2	
3.3	13.7	33.7	33.7	33.8	93.8	33.B	33.8	33.8	H3.8	53.3	
5.0	ε3 <b>.3</b>	23.3	30.3	83.4	88.4	88.4	83.4	38.4	32.4	3€.4	
2.0	92.5	32.5	92.6	92.7	92 <b>.7</b>	92.7	92.7	92.7	92.7	32.7	
4.0	94.5	94.9	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
4.4	95.2	95.2	95.2	95.3	25.3	95.3	95.3	45.3	95.3	95.3	
5.3	35.2	35.2	76.2	75.3	96.3	96.3	95.3	95.3	96.3	95.3	
5.0	45.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
5.2	97.4	37.4	97.4	97.5	77.5	97.6	97.6	97.6	97.6	37.5	
5 <b>.5</b>	3 4 3	A cr	55 /	က်သိ န	<b>A</b> 9 4	00.4	00.7	0.0	1.5	0.3. /	
ວ•ວ ວ•7	93.3	98.4	98.4 30. 2	98.6	98.6	98.6	98.5	98.5	95.5	93.5	
5 • 1 5 • 3	93.7	98.9 99.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
5.3	93.3		99.4	77.7	30.0	77.9	97.9	99.9	130.9	100.5	
5 • 5 5 • 3	93.3	79.1	79.4	97.9	99.9	99.9	99.9	99.9	100.0	100.0	
7 • *	75.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
5.3	93.3	97.1	ja.4	99.9	99.9	99.9	99.9	99.J	100.0	155.5	

OPERATING LOCATION "4" USAFFTAC, ASHEVILLE NO

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY DESCRIVATION

	•									
STATEO	H WINDES	747540	STA	TION VA	ME: ENG	LAND AFE	3 LA	<del></del>		10.00
			LST	TO UTC	: + 6					MONT
				• • • • • • •	• • • • • •	• • • • • • •				
CILLIN								STATUTE	MILFS	
I٧	GΞ	GΞ	GE	ĠE	GE	\$E	GE	ĞE	SF	Ϋ́ε
FEET	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1
• • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • •
NO CET	45.7	43.7	49.2	49.2	49.2	49.2	49.2	49.2	47.2	43.
GE 200	00 53.0	55.4	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.
65 180		50.7	57.5	57 <b>.</b> 7	57.7	57.7	57.7	57.7	57.7	57.
SE 150		35.7 35.7	57.5	-57:7	57.7	57.7	57.7	57.7	57.7	57.
GE 140		57 <b>.</b> 8	53.7	58.3	59.8	53.3	53.3	59.9	53.4	5 3 ·
GE 120		59.1	50.2	60.4	50.4	50.4	50.4	50.4	60.4	52.
3E 120	JO JO 3	5 ·· • 1	30.2	00.4	30.4	30.4	30.4	70.4	59 • <del>4</del>	<b>3</b>
GE 100	00 57.3	51.3	62.4	62.7	52.7	62.7	52.7	52.7	62.7	52.
SE 90:		52.2	53.3	53.6	63.6	53.6	63.5	53.6	53.5	53.
GE 90		55.1	55.2	55.4	55.4	56.4	65.4	55.4	55.4	$-\frac{55}{5}$ .
SE 70		35.7	56.9	67.1	67.3	57.3	57.3	57.3	57.3	<b>67.</b>
GE 600		45.3	67.3	67.3	67.6	57.5	57.5	67.5	67.5	67.
3 30	, , , , , ,	7.3.4	,,,,	3.52	0.07				3.03	
GE 50:	52.4	57.3	55.5	68.9	69.1	59.1	59.I	59.1	69.1	69.
GE 45	00 63.2	54.3	59.3	70.1	70.5	70.7	70.7	70.7	70.7	7).
GF 40	55.3	73.3	74.9	75.4	76.3	75.4	75.4	75.4	75.4	75.
GE 35	00 69.5	72.3	73.2	73.3	79.3	79.9	79.9	30.0	30.0	49.
GE 300	73.2	31.5	54.1	34.3	35.8	95.9	36.1	36.2	85.2	85.
GE 25		83.4	86.4	37.1	35.1	88.3	85.6	38.7	33.7	ëa.
SE 20		75.8	39.3	39.6	90.7	90.9	71.4	91.7	91.7	91.
SE 190		35.8	99.7	90.5	91.7	71.7	92.4	72.7	72.7	72.
GE 15		33.0	91.8	92.4	93.3	94.0	94.7	95.0	95.0	95.
35 12	77.5	48.9	92.9	93.8	95.2	95.4	95.2	96.5	95.7	94.
GE 10	20 70 0	3.7. 3		2/ 7	96.1	96.4	97.3	97.7	97.P	<b>97.</b>
		39.3 39.7	93.7	94.7 95.0	95.4	96.3	97.7	93.0	95.1	73.
			94.0	95.4	97.0	97.3	93.2	93.6	75.3	73.
		33.4	94.3		77.2	97.5	93.6		99.1	33
	73.3 00 73.3	39.8	94.3	95.7 95.9	97.4	9 <b>7.</b> 3	75.7	99.I	99.3	97.
95 0	00 75.3	77.0	94.3	90.9	77.4	71.0	70 • 3	7701	7703	7)•
GE 50	00 73.3	59.A	94.3	95.9	97.4	97.8	93.3	99.2	99.4	99.
	00 78.3	39.9	94.4	95.0	97.5	97.9	98.9	79.3	99.5	77.
	79.3		74.4	95.0	97.6	97.9	93.9	99.3	77.5	99.
	00 78.3	89.9	24.4		97.6	97.9	98.9	99.3	49.5	99.
	00 78.3	39.9	94.4	95.0	97.5	97.9	98.9	99.3	77.6	99.
		-								
GE 0	78.3	39.9	94.4	96.0	97.6	97.9	93.9	99.3	94.6	99.
	• • • • • • • •		• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • •
									-	

COC SMEITAVASSAD OF PSERVUM LATET

## CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

NGL	LAND AFE	3 LA		·				ijy 78 -	UCT 88		
_					MONTH:	APR	HOURS:	12-14			
• 1	VISIBILI	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	••••	•••••
	SĒ⁻ ⁻	GE	GE	GE	G <u>e</u>	GE	GE	GE	GE	GE	GE
	2 1/2	2	1 1/2	1 1/4	1	3/4	<b>5/</b> 8	1/2	3/8	1/4	0
• •			• • • • • • •	• • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••
?	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
•	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
3	53.3	58.3	58.B	53.3	59.3	58.8	58.8	53.8	58.8	58.8	58.3
4	50.4	50.4	50.4	60.4	60.4	60.4	50.4	50.4	50.4	60.4	50.4
7	62.7	52 <b>.7</b>	52.7	52.7	52.7	62.7	62.7	62.7	62.7	62.7	52.7
5	53.5	63.5	63.6	63.6	53.6	63.6	63.6	53.6	63.6	63.6	63.5
4	55.4	65.4	55.4	66.4	56.4	66.4	66.4	66.4	65.4	66.4	65.4
3	57.3	57.3	57.3	67.3	67.3	67.3	67.3	67.3	57.3	67.3	67.3
5	57.5	57.5	67.6	67.6	67.5	57.5	67.5	57.5	57.5	57.5	67.5
l	59.1	39.1	39.1	69.1	69.1	59.1	69.1	59.1	59.1	39.1	59.1
	70.7	70.7	70.7	70.7							
<b>)</b>					73.7	70.7	70.7	70.7	70.7	73.7	70.7
3	75.4	75.4	76.4	76.4	75.5	76.6	76.5	75.5	76.6	75.6	75.6
3	79.9	79.9	30.0	30.0	90.1	30.1	30.1	80.1	80.1	90.1	30.1
3	95.9	36.1	96.2	85.2	86.3	86.3	86.3	86.3	85.3	35.3	36.3
l	88.3	83.6	38.7	83.7	89.3	88.8	88.8	99.9	83.8	<b>9</b> 3.3	BR.B
7	90.9	31.4	91.7	91.7	91.8	91.8	91.8	91.8	91.5	91.8	91.8
7	71.9	92.4	92.7	72.7	92.8	92.8	92.8	92.3	92.8	92.3	92.3
2	94.0	94.7	95.0	25.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
2	95.4	75.2	96.6	93.7	95.3	96.8	96.3	96.8	96.8	95.9	96.8
Į.	95.4	97.3	97.7	97.¤	97.9	97.9	97.9	99.0	98.0	98.3	98.0
•	96.3	97.7	98.0	98.1	98.2	98.2	98.2	98.3	98.3	93.3	98.3
;	97.3	93.2	93.6	98.3	78.9	93.9	98.9	99.0	99.5	99.0	99.0
•	97.5	93.5	93.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
•	97.9	98.9	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7
<b>,</b>	97.8"	93.8	99.2	99.4	99.7	99.7	99.7	99.3	99.9	99.8	99.8
5	97.9	98.9	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0	_
) )	97.7	93.9	97.3	99.5	99.8	99.B	99.3	100.0	100.0	100.0	$\frac{100.0}{100.0}$
, )	97.9	98.9	99.3	99.6	99.8	99.8	99.8	100.0	100.3	100.0	
, ,	97.9	98.9	99.3	77.6	~ <del>99.</del> 8	99.8	99.8	100.0	100.0	100.0	100.0
5	97.9	59 <u>त</u>	99.3	00 Z	99.8	99.8		130.0	100 0	100.5	***********************
,	7107	7007	7707	77.0	77.0	77.5	フプ・ヴ	100.0			
• • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY DISFRVATED USAFETAC, ASHEVILLE NO STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA MON LST TO UTC: + 6 VISIBILITY IN STATUTE MILES CEILING GF GE SE SE GE GE GE I٧ ĞŒ e é é t 7 6 5 4 3 2 1/2 2 1 1/2 1 1/4 NO CEIL 47.0 49.5 50.1 50.2 50.2 50.2 50.2 50.2 50.2 50 50.0 50.1 60.1 60.1 50.1 GE 20000 55.5 59.2 60.1 50.1 50 GE 13000 55.9 50.7 50.7 60.7 59.3 50.6 60.7 50.7 50.7 50 GE 15000 55.0 59.9 50.7 60.8 60.8 30.8 50 60.8 60.8 6.00 51.3 GE 14000 55.4 50.4 61.2 61.3 61.3 51.3 51.3 51.3 51 GE 12000 52.1 57.9 53.0 63.3 63.3 53.3 53.3 53.3 63.3 63 55.0 SF 10000 60.2 56.0 55.3 55.3 66.3 65.3 55.3 55.3 55 60.3 9000 55.8 57.1 67.2 5.7 55.3 67.2 57.2 57.2 57.2 63.3 70 3000 57.0 70.1 70.4 70.5 70.6 70.5 73.6 70.5 GE 7200 54.4 70.2 71.3 71.7 71.9 71.9 71.9 72.1 72 72.1 55.2 72.7 GE 5000 72.1 72.4 72.7 72.9 72.9 72 71.0 72.7 55.4 73.5 74.2  ${\mathfrak G} \subseteq$ 5000 72.3 74.2 74.4 73.9 74 74.1 74.4 GC 4500 75.1 75.3 67.3 74.1 75.3 75.7 76.0 76.3 76 75.1 GE 4000 71.3 79.3 80.3 30.9 31.2 91.3 31.9 51 31.6 31.6 83.0 £ 4 GΞ 3500 33.6 33.9 94.2 34.4 73.5 31.3 84.2 34.4 GE 3000 87.1 38.7 89.T 88.3 39.3 39.3 76.7 35.3 89.1 .GF 2500 77.3 33.2 89.4 89.8 90.3 90.3 30.3 25.5 90.6 90 G, F 2000 78.0 90.2 37.9 91.7 92.0 92.5 92.5 92.8 92.3 92 GE 1800 78.0 37.9 90.5 92.0 92.3 92.9 32.9 93.1 93.1 03 GĒ 1500 39.3 92.1 94.0 94.9 95.4 95.4 95.7 95.7 95 73.5 95.8 ĞÉ 1200 79.1 90.0 92.3 94.A 96.3 95.3 96.5 96.5 95 SE 96.3 1000 79.3 90.3 93.1 95.2 36.2 95.9 77.1 97.1 27 79.4 900 90.4 93.3 95.4 96.7 97.2 97.3 97.7 97.7 97 98.0 97.3 90.9 96.0 98.4 GE 302 79.9 93.7 99.1 93.4 99 97.6 GE 700 79.9 91.3 94.0 96.2 98.2 98.3 98.7 99.7 OH 77.9 91.1 94.1 97.9 98.6 GÉ 600 96.3 98.7 99.2 97.2 94 79.6 SE 500 79.9 91.2 94.2 96.4 93.1 98.8 99.0 99.5 Q Q 99.6 96.4 98.8 GE 400 79.3 94.2 93.1 99.0 99.6 73 91.2 94.2 99.5 79.9 99.0 79.5 GE 300 98.1 98.8 33 91.2 96.4 91.2 SE 79.9 94.2 93.1 93.8 99.0 99.5 99.6 99 200 96.4 93.1 100 21.2 94.2 99.6 98.8 99.0 99.6 99 ĜĒ 79.9 95.4 79.3 GË 79.7 71.2 98.8 97.0 99.6 94.2 95.4 98.I 79 OOO

TOTAL NUMBER OF OBSERVATIONS 900

į

ſ

1

## PCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

∃NĞ	LAND AFE	LA			255110	OF RE	CORD: N		OCT 83		
:					:HINCM	428	HOURS:	15-17			
, • •	VICIETII	* * * * * * * * * * * * * * * * * * *	STATUTE	MILEC	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
-	GE	SE	GE	GE	<del>S</del> E	GE-	<u>ٿ</u>	SE	GE	GE	ĜĔ
3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •				• • • • •				• • • • • •	• • • • • •	• • • • •	• • • • •
*											
• 2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
. 1	50.1	60.1	50.1	50.1	50.1	60.1	60.1	60.1	60.1	50.1	60.i
. 7	50.7	50.7	50.7	60.7	50.7	50.7	60.7	60.7	60.7	60.7	60.7
• 3	50.8	60.8	60.8	30.8	60.8	60.8	60.3	60.8	60.3	60.9	60.3
. 3	51.3	51.3	51.3	61.3	61.3	51.3	61.3	51.3	61.3	51.3	51.3
. 3	53.3	53.3	63.3	63.3	63.3	53.3	53.3	63.3	63.3	63.3	63.3
.3	55.3	55.3	55.3	55.3	55.3	65.3	66.3	65.3	56.3	65.3	65.3
.2	57.2	67.2	57.2	57.2	57.2	67.2	67.2	67.2	67.2	67.2	67.2
. 5	70.5	73.5	70.6	70.5	70.6	70.6	70.5	70.6	70.5	70.5	70.5
. 7	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
. 7	72.7	72.7	72.9	72.9	72.9	72.9		72.9	72.9	72.9	72.9
,	<b>3</b> / 3		- <del> </del>				· ·····		<del></del>		··· • • • • • • • • • • • • • • • • • •
· 1	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
• 0	75.1	75.1	75.3	76.3	76.3	75.3	76.3	76.3	76.3	76.3	75.3
.2	91.6	31.6	91.8 34.4	81.8	81.8	81.8	81.8 84.4	91.8	81.9	31.8 84.4	31.3
.7	94.2 99.1	84.2	39.3	89.3	84.4	34.4 39.3		34.4 29.3	89.3	39.3	39.3
,	. / • •			3,63					G , • -		3,42
• ≥	90.3	90.3	70.6	90.6	70.5	90.5	90.6	90.6	90.5	95.6	95.6
• 0	92.5	92.5	92.8	92.3	92.8	92.8	92.8	92.3	92.3	92.3	92.3
. 3	92.9	35.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
. 3	95.4	95.4	95.7	95.7	95.7	95 <b>.7</b>	95.7	95.8	95.8	95.8	95.8
• 3	96.3	95.3	95.3	96.6	95.7	96.7	95.7	96.8	96.9	96.8	96.8
. 2	96.3	95.9	77.1	97.1	77.3	97.3	97.3	97.4	97.4	97.4	97.4
. 7	97.2	97.3	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.3
.3	99.0	79.1	98.4	93.4	98.7	98.8	98.8	99.9	98.9	98.9	98.9
• 6	98.2	98.3	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1
.9	98.6	98.7	79.2	97.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7
. i	98.8	99.0	79.6	99.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0
. i	98.5	99.0	99.6	99.6	99.8	99.9	99.9	100.0		100.0	100.0
ii	98.8	99.0	99.5	99.5	99.9	99.9		100.0		100.0	100.3
• i	93.8	99.0	99.6	99.6	99.8	99.9	_	100.0	100.0	100.0	100.0
. 1	98.8	99.0	99.6	99.6	99.8	99.9		100.0		100.0	
. 1	5a - a	<u> 33 A</u>	99.6	<u> 30 4 </u>	30 2	90 0	99.9	100 0	- TAA A	מממר	יה ממד
	79+7		77.0					•		-	

OPERATING LOCATION "4" USAFETAC. ASHEVILLE NO

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CE. FRUM HOURLY DISERVATIONS

	. 1125 = 3 4	3/35.3		7731 1141	4C A CNCI	AND ACO				258100
NCITATE	**************************************	141543		TO UTC		AND AFR	La			HINGH:
• • • • • • •										
CEILING						VISIBILI				
IN	G	ĠĒ.	35	SΕ	GĘ	GE	SE	GE	GE	σĘ
FEET	7		5	<u> 4</u>	33	2 1/2	2	1 1/2	1 1/4	1
• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		· · · · · · · ·	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •
NO CÉTL	51.9	55.3	55.Ö	55.4	56.4	56.4	56.4	56.4	55.4	55.4
\$£~20000	53.5	64.1	55.3	65.9	65.9	55.9	55.9	65.9	65.9	55.9
GE 13000	57.5	54.2	55.4	65.3	65.0	65.0	55.3	55.0	55.0	_56.0
GE 15000	59.7	54.3	65.6	55.1	66.1	56.1	55.1	56 · l	50.1	55.1
GE 14000	50.0	54.7	65.9	65.4	56.4	55.4	55.4	66.4	55.4	55.4
GE 12000	63.7	55.3	66.5	67.1	67.1	67.1	57.1	57.1	67.1	67.1
GE 10000	53.9	58.5	59.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
SE 9000	54.3	59.0	73.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0
SE 3000	67.3	72.6	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.6
GE 7000	58.0	73.4	74.7	75.4	75.4	75.6	75.5	75.7	75.7	75.7
GE 6000	63.4	74.1	75.3	76.1	76.1	76.2	75.2	76.3	75.3	75.3
5° 5000	72.1	75.3	77.0	77.9	77.9	78.1	73.1	70.2	73.2	78.2
GE 4500	71.1	71.0	73.2	79.2	79.2	79.4	79.4	79.5	79.6	79.5
GE 4000	73.4	30.4	32.0	93.0	83.0	33.2	93.2	33.3	33.3	33.3
GE 3500	74.7	32.4	84.1	85.3	35.3	85.5	35.0	95.7	95.7	35.7
GE 3000	77.2	35.3	37.1	88.3	88.4	88.7	84.7	83.3	33.3	8B.3
GE 2500	70.1	97.2	39.7	91.1	91.2	91.4	91.4	91.6	91.5	91.5
SE 2000	79.3	33.8	91.5	93.2	93.3	93.7	93.7	93.8	93.3	93.4
<u> 65 1800</u>	79.3	39.2	72.3	93.7	93.9	94.2	94.2	94.3	94.3	74.2
GE 1500	30.3	90.0	93.1	95.1	95.4	95.9	95.9	96.0	96.0	95.0
GE 1200	30.9	90.6	93.7	95.7	75.2	96.9	77.0	97.1	97.1	97.1
GF 1000	31.0	შე <b>∙</b> 7	13.3	95.9	96.4	97.1	97.2	97.4	97.4	97.4
GE 300	81.0	90.3	93.9	95.0	95.3	97.4	97.5	97.3	97.9	97.
<b>८</b> ६ मुठ्	31.3	90.5	93.9	96.0	95.8	97.4	97.5	77.9	73.0	98.0
GE 700	31.0	<b>70.</b> 3	93.9	96.0	95.8	97.9	97.9	78.4	98.6	98.5
GE 500	91.0	90.3	94.0	96.2	97.0	98.0	99.2	38.9	97.0	99.1
GF 500	31.3	90.3	94.2	96.3	97.6	98.5	93.3	99.4	79.6	99.7
GE 400	81.0	90.8	94.2	96.3	97.6	98.5	93.3	99.4	99.7	99.5
GE 300	81.0	90.8	94.2	96.8	97.6	98.5	99.3	99.4	99.7	39.3
GE 200	31.0	90.8	94.2	96.8	97.6	98.6	98.9	99.4	99.7	99.1
GE 100	31.0	90.8	94.2	96.8	97.6			9.4	99.7	99
	~ ~ • •		• •		, , <b>, , ,</b>	. = • •		. •	<b>-</b> •	•
GF 000°	81.0	90.9	94.2	96.5	97.6	98.6	98.3	99.4	99.7	~9Q.
•••••			• • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • •	• • • • •

TOTAL NUMBER OF DESERVATIONS 900

ENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DISERVATIONS

AND AFB	LΔ			PERIOD MONTH:	OF REC	กรอะ ง Hours:	OV 78 - 18-20	OCT 63			
		STATUTE		• • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •		• • • • • •	
GΞ	3E	GE	GE	GE	GE	GE	SE	GE	ĢE	GΕ	
2 1/2	22	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	<u> </u>	
• • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
56.4	55.4	56.4	55.4	56.4	56.4	55.4	56.4	56.4	56.4	56.4	•
55.9	55.9	65.9	55.9	55.9	55.9	65.9	65.9	65.9	65.9	65.9	
55.0	55.0	65.0	65.0	56.0	66.0	55.0	65.0	56.3	56.0	66.0	
55.1	55.1	55.1	55.1	56.1	65.1	66.1	56.1	66.1	60.1	65.1	
55.4	55.4	66.4	65.4	55.4	56.4	66.4	66.4	66.4	56.4	56.4	
67.1	67.1	67.1	67.1	57.1	5 <b>7.1</b>	67.1	67.1	67.1	67.1	67.1	
70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
74.5	74.5	74.6	74.5	74.5	74.6	74.6	74.6	74.5	74.5	74.5	
75.6	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
76.2	75.2	76.3	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
75.1	73.1	70.2	78.2	78.2	78.2	78.2	73.2	75.2	73.2	78.2	
79.4	79.4	79.6	79.6	79.5	79.6	79.6	79.5	79.5	79.6	79.5	
33.2	93.2	33.3	33.3	93.3	83.3	83.3	83.3	83.3	33.3	83.3	
35.6	35.6	<b>95.7</b>	<b>95.7</b>	85.7	35.7	85.7	35 <b>.7</b>	85.7	35.7	35.7	
P8.7	88.7	88.3	33.8	88.3	83.5	83.8	88.8	88.8	33.8	38.8	
91.4	71.4	91.6	31.5	71.5	91.6	71.6	91.6	91.5	91.6	91.6	
93.7	93.7	93.8	93.3	93.8	93.8	93.8	93.8	93.3	93.3	93.3	
34.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
97.4	97.5	97.8	97 <b>.</b> 8	97.3	97.8	97.8	97.8	97.5	97.3	97.5	
77.4	97.6	97.9	78.0	98.0	98.0	98.0	93.0	93.0	98.0	93.0	
97.3	97.9	98.4	98.6	98.5	98.6	98.6	98.6	98.6	98.5	98.6	
98.0	99.2	98.9	99.0	99•1	99.3	99.3	99.3	99.3	99.3	99.3	
98.5	98.3	99.4	<b>79.</b> 6	99.7	99.9	99.9		99.9	99.9	99.9	
93.5	93.3	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
98.5	93.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
98.6	98.3	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
99.5	98.3	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
98.6	98.3	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
• • • • • •	• • • • •	• • • • • • •			• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • •	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

## PERCENTAGE FREQUENCY OF DCCURRENCE OF CEILING FROM HOURLY DBSERVATIONS

STATION	Νυμαές:		LST	TO UTC	. + 6	LAND AF	LA			PERIOD MONTH:	4 P.S
CEILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		/1518111	TV IN	STATUTE		• • • • • • •	• • • • •
IN	GΞ	SE	GE	GE	GE -	GE	GE	GE	ŝΕ	GE	3:
FÉÉT	7	5 5	5	4	3	2 1/2	2		1 1/4		37
NO CEIL	57.0	59.5	60.4	61.0	61.1	51.1	61.1	61.1	61.1	61.1	51
GE 20000	61.7	55.1	66.1	56.3	66.9	55.9	55.7	65.9	55.9	56.9	65
GE 13000	51.3	55.2	56.2	66.9	67.0	67.0	67.0	67.0	57 <b>.</b> 0	67.0	67
GE 15000		55.2	56.2	66.9	67.0	67.0	67.0	57.0	67.0	57.0	67
GE 14000	52.5	55.0	67.0	67.7	67.8	67.8	67.8	<b>57.</b> 9	67.8	6 <b>7 .</b> 8	57
GE 12000	53.1	56.5	67.5	69.3	63.4	68.4	68.4	58.4	58.4	63.4	5.4
GF 10000		53.5	70.6	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71
GE 9000		7).1	71.3	72.1	72.2	72.2	72.2	72.2	72.2	72.2	7.2
55 8000		71.5	73.1	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74
GE <b>73</b> 00		71.3	73.3	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.
GE 5000	58.5	72.2	73.3	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74
GE 5000	70.3	74.7	75.4	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77
GE 4500	71.4	75.3	77.2	78.1	73.4	78.4	73.4	78.4	78.4	78.4	7.3
SE 4000	73.2	77.3	79.2	30.1	30.4	80.5	80.6	30.5	30.6	23.5	30
GE 3500	75.0	79.4	91.7	82.8	83.2	83.3	83.3	83.3	83.3	33.3	क्ष द
GE 3000	77.1	92.4	94.7	35.9	86.4	86.6	95.6	36.6	85.6	85.5	4+
GE 2500	<b>7</b> 3.8	34.1	85.4	87.7	88.2	89.4	月3.4	38.4	38.4	88.4	-
SE 2000	30.0	95.7	33.4	89.3	90.4	90.7	90.3	90.3	90.8	90.8	<b>4</b> (1
1800	30.4	35.1	38.7	93.2	91.0	91.3	91.4	91.4	91.4	71.4	71
SE 1500	81.2	ತಿತ•೨	90.3	92.2	93.3	93.7	93.3	93.3	43.3	93.3	93
GE 1200	31.8	<b>वन</b> । 8	92.0	93.9	95.3	95.7	95.3	95.9	95.3	95.3	95
GE 1000	32.1	39.3	92.9	95.0	96.7	97.0	97.1	97.1	97.1	97.1	97
SE 900	82.1	99.3	92.9	95.0	96.7	97.0	97.1	<b>97.1</b>	₹7.1	97.1	97
3E 300	32.1	37.3	93.1	95.3	97.1	97.4	97.3	98.0	78.5	98.0	_ <b>∂</b> 3
GE 700	32 • 1	39.3	93.1	95.3	97.2	97.6	97.9	98.1	98.1	93.1	93
GE 600	32.1	99.3	93.1	95.3	97.3	97.7	98.0	98.2	98.2	95.5	93
GE 500		39.3	93.7	96.2	98.4	98.8	99.1		99.3	99.3	àu
GE 400		89.3	93.7	96.2	93.4	98.8	99.3	99.8	99.3	99.5	94
GE 300		39.3	93.7	96.2	93.4	98.8	99.3	99.8	99.3	99.8	סמד
GT 200		89.3	93.7	95.2	93.4	98.8	99.3	99.8	99.B	99.8	100
GE 100	52.1	39.3	93.7	96.2	98.4	98.3	99.3	99.3	99.8	99.3	100
GE 005	82.1	39.3	93.7	96.2	98.4	98.8	99.3	99.8	99.9	99.8	100
• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •		• • • • • •	

900

TOTAL NUMBER OF OBSERVATIONS

## DE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

AFR	LA			PERIOD MONTH:		HOURS:	OV 73 - 21-23	UCI 88			
			• • • • • •		• • • • • •			• • • • • •	• • • • • •	• • • • •	
		STATUTE						_			
E	GĒ	GE	ĜĒ	GE	GE	ĞE	GE	GE	GE	ΰĒ	
1/2	2	1 1/2	1 1/4	<u> </u>	3/4	5/8	1/2	3/3	1/4	<u> </u>	
• • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	
. 1	51.1	51.1	61.1	51.1	51.1	61.1	61.1	61.1	51.1	51.1	
, 9	55.)	55.9	55.9	56.9	66.9	56.9	65.9	66.9	65.9	55.9	
.)	57.0	67.0	57.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
• "	67.0	57.0	67.0	57.0	67.0	67.0	67.0	67.0	57.0	67.0	
<b>.</b> 3	67.3	<b>67.</b> 8	67.8	67.8	6 <b>7.</b> 8	<b>67.</b> 3	67.8	<b>67.</b> 8	67.8	67.8	
. 4	53.4	58.4	58.4	63.4	53.4	69.4	68.4	68.4	68.4	68.4	
. 4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	
٠2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
• 2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
. 4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
• 9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
. 7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	-
. 4	73.4	78.4	78.4	78.4	78.4	78.4	78.4	73.4	78.4	78.4	
. 5	30.6	30.6	30.6	30.5	30.6	30.5	80.5	80.5	80.5	30 <b>.</b> 5	
• 3	€3.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	33.3	
. 6	85.6°	56.6	85.6	85.5	36.6	86.6	86.6	86.6	95.5	86.6	
. 4	P3.4	38.4	38.4	88.4	₹8.4	83 <b>.4</b>	89.4	88.4	38.4	38.4	
. 7	<b>90.</b> 8	90.3	90.8	90.3	90.9	90.9	90.9	90.9	90.9	90.9	
. 3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	
• 7	93.3	93.8	43.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9	
• 7	95.5	75.8	95.3	95.3	95.9	95.9	95.9	95.9	95.9	95.9	****
Ņ	97.I	97.1	97.1	97.1	97.2	97.2	97.2		97.2		
. )	97.1	97.1	₹7.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	
4	97.3	98.0	78.0	98.5	98.1	98.1	98.1	98.1	93.1	98.1	
• 5	97.3	98.1	98.1	98.1	98.2	98.2	93.2	93.2	98.2	98.2	
. 7	98.0	98.2	98.2	98.2	99.3	98.3	98.3	98.3	38.3	98.3	
Э.		99.3					99.4				
3	99.3	99.8	99.3	99.8	99.9	99.9			99.9		
. 3	99.3	99.8	99.8		100.0		100.0				
• 5	99.3	99.8	99.8	99.8		100.0	100.0	100.0		100.0	
۹.	99.3	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
. 9	99.3	79.8	99.9	99.8	100.0	100.0	100.0	100.3	100.5	100.0	

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF C FRUM HOURLY DISERVATIONS USAFETAC, ASHEVILLE NO 3=313 STATION NUMBER: 74754) STATION NAME: ENGLAND AFB LA LST TO UTC: + 6 MONTH VISIBILITY IN STATUTE MILES CEILING 5Ē SE GE ĜΕ GÉ ٦ç IV 5 3 1 1/2 FEET 4 2 1/2 1 1/4 50.2 51.7 53.2 53.3 52.9 53.0 NO CEIL 45.4 52.5 53.3 53.4 59.2 57.5 59.5 GE 20000 51.3 55.8 57.5 58.6 59.1 57.6 59.7 GE 18000 50.0 59.4 59.5 59.7 59.5 51.3 57.3 53.7 57.3 59.7 GE 15000 51.4 55.0 57.3 59.3 59.3 59.4 59.7 59.3 59.3 5.5...) GE 14000 51.8 55.5 58.3 59.3 59.3 59.9 50.2 50.4 60.1 **60.2** GE 12000 52.3 57.5 59.4 60.5 51.0 61.1 61.4 61.551.5 51. SE 10000 54.3 59.7 51.7 52.9 63.4 53.5 63.8 53.9 53.7 54.1 50.4 54. GF 9000 55.4 62.5 63.7 54.2 64.4 64.6 54.8 54.8 54.9 8000 57.3 52.3 66.2 56.3 67.0 57.3 67.4 67.5 67.5 65.4 7000 57.7 53.3 56.7 67.4 67.6 67.9 68.1 63.1 69.3 57.9 63.1 5000 59.2 53.5 55.9 67.2 52.5 53.5 58.6 68. 69.8 67.4 CF 5000 59.4 69.6 70.1 70.3 70.3 79.4 55.2 68.8 71.4 G-4500 50.1 53.4 59.8 70.5 70.9 71.3 71.4 71. 56 · 1 74.9 GE 71.4 74.3 75.0 4000 52.2 53.9 73.1 74.0 74.7 74.8 77. 73.3 GE 3500 53.6 70.5 75.1 76.1 76.4 75.8 77.0 77.0 GE 3000 65.7 73.4 75.3 79.3 79.4 79.7 80.2 30.4 30.4 80.5 12. 55.5 30.3 52.3 32.4 32.5 SÉ 2500 74.9 73.1 91.4 31.9 35.5 35. 7 SI 35.5 2000 68.3 77.3 37.3 83.1 84.3 34.7 55.3 1300 53.3 73.1 31.8 84.0 95.3 35.7 85.3 86.5 35.5 54.7 89.1 GE 1500 70.1 30.3 88.3 88.88 89.4 89.7 39.7 34.4 86.9 88.9 91.1 91.3 92.0 92.1 92.3 GE 1200 70.9 31.5 86.0 90.5 GE 71.3 92.5 93.3 93.5 93.5 **33.** 1000 32.1 36.9 90.2 91.9 SE 32.5 97.4 92.6 93.1 93.9 94.2 94.3 74. 90) 71.5 90.7 ĴĒ 300 71.7 32.3 38.0 91.5 93.5 94.2 95.1 95.5 95.6 95. 95.4 3¢ 700 88.2 91.9 94.0 94.7 95.6 96.1 95.2 71.3 33.0 97. GE 92.3 95.3 97.0 600 71.9 33.3 88.5 94.5 95.4 96.9 1 SE 500 72.0 33.4 39.9 92.7 95.1 95.9 97.1 97.7 77.3 93.1 98.1 GE 400 72.0 33.4 38.9 92.7 95.2 96.0 97.4 98.0 **38.1** 98.2 97.5 93.3 99. GE 300 72.0 **33.4** 33.3 92.8 95.3 96.1 95.3 1 GE 200 72.0 83.4 88.5 92.8 96.1 97.5 98.2 98.3 98. 93.3 93. 95.3 96.1 GF 100 72.0 H3.4 38.3 92.3 97.5 98.2 SE OCC 72.0 33.4 38.3 92.3 95.3 96.1 97.5 78.2 73.3 95.

TOTAL NUMBER OF OBSERVATIONS

1

SE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

) AFE	3 LA				OF REC		0V 78 - L	UCT 38			
1211	TV 7N	STATUTE	utire	• • • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	•••••	
GE	_						<u>~</u>		~~~	3-6	
	SĒ.		GF.	SE	GE	GE	GΞ	GE	GE	GE	
1/2	2	1 1/2	1 1/4	1	3/4	<u>5/</u> 8	1/2	3/8	1/4	<u>_</u>	
• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
3.0	53.2	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.6	
.9.2	59.5	59.6	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.3	70 00 00 000
j9.4	59.5	59.7	59.7	59.8	59.9	59.9	59.9	59.9	50.0	50.0	
14.4	57.7	59.3	59.9	59.9	59.9	50.0	50.0	50.0	50.0	50.0	
59.9	60.1	50.2	60.2	60.4	60.4	60.4	50.4	60.4	60.5	50.5	
>1.1	51.4	51.5	61.5	51.6	61.6	51.7	51.7	51.7	61.7	51.7	
53.5	53 <b>.</b> 8	53.9	53.9	64.1	54.1	64.1	54.2	54.2	04.2	64.2	-
54.4	64.6	54.8	54.8	54.9	54.9	65.0	65.0	65.0	65.0	65.0	
57.0	57.3	57.4	67.5	67.5	67.5	67.7	67.7	67.7	57.7	57.7	
57.6	57.9	68.1	68.1	69.3	59.3	58.3	68.3	68.3	68.4	68.4	
69.1	52.5	53.6	68.6	68.3	53.8	68.8	63.9	63.9	58.9	58.9	a a a
69 <b>.</b> 5	75.1	70.3	70.3	70.4	70.5	70.5	70.5	70.6		70.7	
70.9	71.3	71.4	71.4	71.5	71.6	71.7		70.5 71.7	70.6	70.3	
74.3	74.7	74.8	74.8	75.0	75.0	75.1	71.7		71.7	71.7	
75.4	75.3	77.0	77.0	77.2	77.2	77.2	75.1	75.1	75.1	75.2	
79.7	90.2	30.4	30.4	80.5	80.6	90.6	77.3	77.3	77.3	77.3	
	319 €	3 <b>0 • <del>4</del></b>	50.4	50 • G	50.0	70.0	30.7	80.7	30.7	30.7	
31.3	52.3	32.4	32.5	32.5	82.7	32.7	32.7	32.7	32.8	82.8	· · · · · · · ·
34.7	55.3	85.5	35.5	35 <b>.7</b>	85 <b>.7</b>	85.7	85.3	35.8	85.8	85.8	
35.7	85.3	86.5	86.5	86.7	25.7	86.7	35.8	86.9	86.8	86.8	
88.8	89.4	89.7	39.7	89.9	89.9	90.0	90.0	90.0	90.1	90.1	
91.1	91.3	92.0	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4	
92.5	93.3	93.5	93.5	93.9	93.8	93.9	93.9	93.9	94.0	94.0	
93.1	93.9	94.2	94.3	94.5	94.5	94.6	94.7	94.7	94.7	94.7	
94.2	95.1	95.5	95.6	95.3	95.8	95.9	96.0	95.0	96.5	96.0	
94.7	95.5	96.1	95.2	96.4	96.5	96.5	96.6	96.6	95.5	96.5	
05.3	95.4	96.9	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5	
35 3	AT =1										
95.9	97.1		77.3	98.1		98.2		98.3	-	93.4	
96.9	97.4	73.0	98.1	98.5	98.7	98.7	98.8	98.8	98.9	99.9	
96.1	97.5	98.2	98.3	99.7	98.9	99.0	99.1	99.1	99.2	79.3	<del></del>
96.1	97.5	98.2	98.3	98.9	99.0	99.1	99.3	99.3	99.5	99.7	
96.1	97.5	98.2	98.3	98.9	99.1	99.1	99.4	99.4	99.6	79.9	
96.I	97.5	78.2	78.3	98.8	99.1	99.1	99.4	99.4	99.5	100.0	
• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • •	• • • • • •	• • • • •		

7 - 2 - 36

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

TOTAL NUMBER OF DESERVATIONS 930

# PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEIL

CITATE	N NJMBER	741543	LST	TO UTC	: + 6	LAND AFB	LA			CCIFES
CEILIN	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • •		VISIBILI	TV IN			• • • • • • • • •
IN		GΕ	GE .	GE	GE		SE	314131 <u>4</u> 32	GF.	GE
FEET	7_	9 :: 5	5	4	3		2			
							• • • • •		• • • • •	• • • • • • •
IED ON	L 50.3	59.0	63.4	65.1	65.0	66.2	55.9	57.1	67.2	67.3
3E 200		52.3	58.1	70.1	71.1	71.3	71.9	72.2	72.3	72.4
SE 180		52.3	53.1	70.1	71.1	71.3	71.9	72.2	72.3	72.4
GE 160		52.8	53 <b>.1</b>	70.1	71.1	71.3	71.9	72.2	72.3	72.4
GE 140		52.9	68.2	70.2	71.2	71.4	72.0	72.3	72.4	72.5
GE 120	00 53.3	63.2	68.6	70.6	71.6	71.8	72.5	72.7	72.8	72.9
05		, 4	70.0			<u>.</u>				
GE 100		55.4	70.9	73.1	74.3	74.5	75.3	75.5	75.7	75.3
<u> </u>		55.5	71.1	73.3	74.5	74.7	75.5	75.3	75.9	76.3
GE 80		55.9	72.5	74.8	75.0	76.2	77.0	77.3	77.4	77.5
GE 70 GE 60		57.5	73.1	75.5	76.9	77.1	73.0	78.3	73.4	<b>7</b> 8.5
0E 50	00 55.9	57.5	73.1	75.5	76.9	77.1	73.0	78.3	73.4	73.5
GE 50	on 59.0	63.9°	74.3	77.2	7′ 5	78.8	79.7	30.0	30.1	90.2
65 45		73.3	75.9	79.3	79.7	79.9	90.3	91.1	31.2	31.3
- ŚĒ 40		71.1	77.0	79.5	81.2	81.4	82.4	82.7	52.3	$-\frac{32.3}{52.3}$
GE 35		71.9	73.0	80.4	32.2	82.4	33.3	93.7	23 <b>.</b> 8	93.9
GE 30		73.0	79.0	81.8	33.5	83.8	34.7	85.1	85.2	85.3
J., J.		• •	, , , ,	310	33.2	33.3	, , <b>.</b> .			3,
GE 25	00 62.5	74.2	30.3	83.3	85.1	35.3	85.2	35.6	35.7	45.8
GE 20		75.3	81.9	85.1	85.8	87.0	94.3	93.3	35.4	33.5
3E 18		75.5	32.2	85.3	37.1	87.3	93.3	33.6	9F.7	मनु. ५
GE 15		77.4	34.5	87.7	90.0	90.2	91.2	91.5	91.5	91.7
GE 12	00 64.5	78.1	35.3	89.7	92.2	92.4	93.3	93.7	93.4	93.9
SE 10		79.5	37.5	91.4	94.0	94.2	95.2	95.6	3× • 3	95.9
	00 65.7	79.6	37.5	91.6	94.3	94.5	95.7	96.1	36.3	96.5
	00 66.5	90.2	33.4	92.5	95.2	75.4	95.7	97.2	37.4	97.5
	00 55.6	30.4	38.7	93.1	95.9	95.1	97.4	98.0	93.2	98.3
GE 6	00 55.6	30.5	88.3	93.3	96.1	96.5	97.7	98.3	93.5	98.5
				-4 -						
	00 56.5		33.9		96.5		98.1		98.3	99.0
	00 66.3	30.3	39.1	94.0	97.0	97.3	98.5	99.1	99.4	99.5 
	00 65.3			94.0						
		<u> </u>		94.0		97.3	98.7			
GE 1	00 56.9	30.5	34.1	94.0	97.0	97.3	<del>99.7</del>	99.4	99.5	99.9
GE 0	00 65.3	30.8	39.1	á, á	0.7 0	97.3	01.7		30 4	99.8
					_					
•••••		• • • • • • •	• • • • • •	· · · · · ·	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •

IGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

$3\overline{=}\overline{L}$ $\bar{G}\nu$	3 LA			PERIOD HINDH:	OF REC	020: N HOURS:		OCT 88	<u> </u>		· · · · · · · · · · · · · · · · · · ·
				1201.4.			•••••	••••	• • • • • •	•••••	
		STATUTE									
SE	35	GE.		GE		GL	GĒ	GE		3F	
2 1/2	2	1 1/2	1 1/4	11	3/4	5/8	1/2	3/8	1/4	<u> </u>	
• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
55.2	55.9	57.1	67.2	67.3	57.3	67.3	57.3	67.3	57.3	57.3	
71.3	71.9	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	
71.3	71.9	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	
71.3	71.9	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	
71.4	72.0	72.3	72.4	72.5	72.6	72.5	72.6	72.5	72.5	72.5	
71.8	72.5	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	
74.5	75.3	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
74.7	75.5	75.8	75.9	76.0	76.1	75.1	76.1	76.1	76.1	76.1	
76.2	77.0	77.3	77.4	77.5	77.6	77.5	77.6	77.6	77.5	77.5	
77.1	73.0	78.3	73.4	78.5	75.6	73.5	73.6	73.5	78.5	78.6	
77.1	73.0	75.3	73.4	73.5	78.6	78.6	79.6	78.5	78.5	78.5	
73.8	79.7	0.06	50.1	30.2	30.3	90.3	30.3	30.3	30.3	45.3	
79.9	30 <b>.</b> 3	91.1	31.2	31.3	81.4	81.4	61.4	01.4	31.4	81.4	
31.4	82.4	32.7	52.3	92.9	83.0	33.0	83.0	93.0	0.65	83.3	
32.4	93.3		83.8	93.9	34.0	34.0	34.0	34.0	34.0	34.0	
33.8	34.7	85.1	95.2	85.3	35.4	35.4	85.4	95.4	35.4	35.4	
35.3	95.2	35.6	35.7	85.8	36.9	86.9	36.9	36.9	30.9	35.9	
47.0	34.0	93.3	39.4	33.5	93.6	ქმ∙6	83.5	38.6	33.0	85.6	
37.3	93.3	33.6	BF.7	मुनु-मु	88.9	95.9	88.9	98.9	चनु. १	83.9	
30.2	31.2	91.5	91.5	91.7	91.8	31.3	91.8	91.9	91.9	31.9	
92.4	93.3	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	34.0	
94.2	95.2	95.6	35.3	75.9	96.0	96.0	96.0	96.0	96.0	95.0	
14.5	95.7	96.1	76.3	96.5	96.5	30.6	96.5	96.5	96.6	95.5	
75.4	95.7	97.2	97.4	97.5	97.6	97.6	97.5	97.5	97.6	97.6	
96.1	97.4	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	38.4	
96.5	97.7	98.3	93.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	
96.3	98.1	93.6	78.8	99.0	99.1	99.1	99.1	99.1	99.1	·-99.1	
37.3	98.5	99.1	99.4	99.6	99.7	99.7	99.7		99.7	99.7	
97.3	98.7	97.2	99.5		99.5				99.8		
97.3	98.7	99.4	99.6	99.3	99.9	99.9	100.0	_	100.0	100.0	
77.3	79.7		99.5	99.8	99.9	99.9		100.0	100.0	100.0	
97.3		79.4									
• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	··

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

## PERCENTAGE FREQUENCY OF DOCURRENCE OF PERCENTAGE FREQUENCY OF SERVATION.

STÄTIONIS			LST	to utc:	+ 5					PFR1 809T
CEILING IN FECT	S <del>2</del> 7	3 E	SE	SE	GE 3	VISIBILI GE	TY IN	3E 1 1/2	41L=5 38 1 1/4	3- 1
NO CEIL			42.6			51.4	53.3		54.3	55.0
GE 20000 GE 19000 GE 16000 GE 14000	30.3 30.3 30.3 31.1	33.9 39.0 39.0 39.2	46.3 46.3 40.3	52.5 52.5 52.6 52.9	55.3 56.5 56.5 56.3	57.1 57.2 57.2 57.5	53.1 53.2 53.2 53.5	57.1 57.2 50.2 60.5	50.1 50.2 50.2 50.3	51.2 61.3 61.3 61.5
GE 12000	31.1	39.4	47.2	53.0	56.9	57.5	59.7	50.5	50.5	61.7
35 1000 35 2000 35 3000 35 3000 35 5000	32.3 32.3 33.1 33.1	41.1 -41.1 -42.2 -42.4 42.4	49.5 49.6 50.3 51.0 51.0	55.9 55.3 57.2 57.5 57.5	60.3 60.4 61.6 51.9 61.9	51.1 51.2 52.4 62.7 52.7	53.3 63.5 54.7 55.3 55.3	54.4 54.5 55.0 56.3 56.3	54.4 54.5 55.0 55.3 50.5	55. 1 55. 37. 3 67. 5 57. 7
55 5000 65 4500 65 4000 65 3500 65 3000	34.3 34.7 35.7 35.7 35.7	43.4 44.5 45.7 45.7	52.4 53.4 54.9 55.8 53.3	58.3 50.0 51.5 62.6 55.9	63.3 64.4 65.5 67.6 71.1	54.1 65.2 57.3 68.4 71.3	65.7 67.7 57.9 71.1 74.5	67.7 53.3 71.1 72.3 75.7	57.3 53.7 71.2 72.4 76.3	79.1 70.2 72.5 73.7 77.1
GE 2500 GE 2000 GE 1500 GE 1500 GE 1200	47.7 41.0 41.1 42.3 42.5	51.5 53.0 73.1 55.1 55.3	51.2 53.0 53.1 65.3 57.4	58.3 70.3 70.4 73.7 76.0	73.4 75.5 75.7 79.1 82.0	74.3 76.5 75.5 80.0 32.9	77.0 77.2 79.4 32.9 35.3	73.3 30.5 30.6 84.2 37.3	78.4 90.6 30.3 34.3 37.4	73.7 81.9 82.0 85.5 88.7
GE 1000 GE 900 GE 800 GE 700 GE 600	43.2 43.3 43.4 43.7 44.0	57.0 57.1 57.4 57.3 53.4	59.4 69.5 70.5 71.0 71.7	78.3 78.6 79.7 80.3 81.1	94.5 94.9 96.2 96.9	85.4 85.3 87.1 87.7 88.6	83.3 63.7 90.3 91.0 91.3	99.8 90.2 91.9 92.5 93.5	39.9 99.3 92.0 92.7 43.7	91.2 91.5 93.4 94.1 25.1
GE 500 GE 400 GE 300 GE 200 GE 100	44.0	58.4 58.4 58.4 58.4 53.4	71.7 71.3 71.3 71.3 71.3	31.4 81.3	93.4 39.2	39.4 90.3 90.5 90.6 90.5	92.3 93.8	94.5 95.5 95.7 95.9 95.0	74.5 95.5 75.3 95.0	75.0 97.0 97.3 97.5 97.7
GE 900	44.0	53.4	71.3	81.3	89.6	90.6	94.2	96.0		97.7

SE FREDUENCY OF DOCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY UNSERVATIONS

(C) 4 F 3	B LA				TOF RECT			DCT 88			
 Kiaii i	TY IV	STATUTE			• • • • • •		• • • • • •		• • • • • •	• • • • •	
5_		35		GE.	GE	GE	Ĝ÷	GΕ	5 E	GE	
2 1/2	,				3/4			3/8	1/4	0	
<b>)</b>										• • • • •	
ĺ											
1.4	53.3	54.3	54.3	55.4	55 <b>.7</b>	55.7	56.3	56.3	50.5	56.5	
	r 2 1						2 2		5	. 3 3	
7.1	59.1	50.1	50.1	51.2	61.5	51.5	62.2	62.2	62.3	62.3	
67.2	-53,2 -53,2	50.2	50.2	01.3	51.5	51.6	52.3	52.3	52.4	62.4	
5.7.2	59.2	50.2	50.2	51.3			62.3	62.3			
57.5	59.5	60.5	50.5	61.5	51.7	51.3	62.5	62.5	52.7		
7.5	52.7	50.5	50.5	61.7	52.0	62.0	52.7	52.7	62.9	62.4	
oi.i	53.3	54.4	54.4	55.5	65.9	55.0	65.5	55.5	56.7	65.7	
51.2	53.5	54.6	54.5	ງງ•3 55•8	56.1	55.1	55.8	65.8	56.9	65.9	
52.4	54.9	55.0	35.0	57.3	67.5	57.5	55.3		53.4	63.4	
2.7	55.3	56.3	55.3	67.5	58.0	63.0	63.5	63.5	53.7	5€ <b>.</b> 7	
7.2.7	55.3	56.3	56.5	67.7	58.1	53.1	69.7	65.7	63.3	58.3	
, , ,	J 1 • J	347 5	J.(/ • ·	11101	9011	.) .) • •	0 7 • 1	Q * 1 <b>Q</b> *	00.0	5 : • ,	
54.1	65.7	67.7	<b>57.</b> 3	59.1	59.5	59.5	70.1	70.1	70.2	70.2	
35.2	57.7	59.9	63.9	70.2	70.5	70.5	71.2	71.2	71.3	71.3	
57.3	51.9			72.5	72.8	72.3	73.4	73.4	73.5	73.5	
55.4	71.1	72.3	72.4	73.7	74.0	74.0	74.6	74.5	74.7	74.7	
71.	74.5	75.7	75.3	77.1	77.4	77.4	78.1	73.1	78.2	78.2	
74.3	77.0	75.3	78.4	79.7	30.0	30.0	85.6	33.6	ã0.å	8 <b>3.</b> 3	
75.5	73.2	30.5	80.6	91.9	32.3	52.3	82.9	92.9	33.0	ദ3₊0	
75.5	77.4	33.6	35.3	32.0	32.4	32.4	83.0	83.0	53.1	73.1	
-ე•0	32.3	84.2	34.3	85.5	95.9	35.9	86.6	86.6	96.7	36.7	
12.9	35.3	37.3	37.4	59.7	39.0	39.0	39.7	99.7	39.3	89.3	
75.4	#3.3	89.8	39.3	91.2	91.5	91.5	92.2	92.2	92.3	92.3	
45 <b>.</b> 3	o3.7	90.2	90.3	91.5	91.9	91.9	92.6	92.6	92.7	92.7	
37.1	70.3	71.9	92.0	93.4	93.8	93.B	94.4	94.4			
37.7	91.0			94.1	94.4	34.4	95.1	95.1		95.2	
აშ <b>ა</b> ნ	91.)	93.5	₹3.7	25.1	95.4	75.4	96.0	96.0	96.1	96.1	
33 <i>(</i>	67 7	71 5	~	. 67 . 5	57.3	27. 2	N7: 0	07 *	07.1	10 77 = 1 · · · · ·	
39.4	92.3	74.5	74.6	75.0	95.3	76.3	97.0	97.0	97.I		
70.3 70.5 ***	93.0	95.5	95.5	97.0	97.4	97.4	98.1 97.4	98.1	98.2 98.5	98.2 98.5	
	94.0	95.7	95.3	97.3				98.9			
39.6	94.1	95.9	95.0	97.5	98.2	98.2 99.4	93.9	99.1	99.0 99.4	99 <b>.1</b> 79 <b>.</b> 3	
30.5	94.2	96.0	76.I	37.7	98.4	77.4	99.I	77.1	71.4	77.0	
<b>30.</b> 6	94.2	96.0		97.7		98.4	99.1		99.4	100.0	
		• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	

OPERATING LOCATION MAM USAFETAC, ASHEVIELE NO

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY DISSERVATION

STA	TION	। JM३ट्२:	747549				LAND AF	3 LA	<del></del>		PERT
				LST	to utc	+ 6		***************************************			THEM
	1 * 1 * 1	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	· • • • • • • •	7 7 4 7 1	• • • • • • • • • • •	*****	• • • • •
	FIAC		2.5	<b>⊘</b> .≃′	2.5		VISIBILI				
_	N Et	ÜÉ	GF.	SĒ	GE	ĞE	ĞĒ	GE	GE 43	GF.	GE
	<u> </u>	7	66	5	4	3	2 1/2			1 1/4	1
• • •	• • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • •
ИЗ	CEIL	19.5	29.1	34.4	38.2	41.2	42.3	43.9	44.2	44.3	44.
GE	20000	21.1	32.3	33.1	43.9	47.5	49.1	51.0	51.6	51.7	51.
	18000	21.1	32.3	33.1	44.1	47.7	49.4	51.2	51.8	51.7	52.
	16000	21.1	32.3	33.1	44.1	47.7	49.4	51.2	51.8	51.9	52.
	14000	21.1	32.5	38.3	44.4	48.1	49.7	51.5	52.2	52.3	52.
SΞ	12000	21.3	33.3	39.4	45.5	49.1	50.8	52.6	53.2	53.3	53.
0.5	10000	33.0	3/ 3		40.5			· · · · · · · · · · · · · · · · · · ·	i saaraani	1 a 3 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5	
	10000	23.0	34.7	41.5	48.5	53.1	55.1	57.3	57.7	58.0	5B.
GE GE	9000	23.1	34.9	41.6	48.7	53.5	55.5	57.5	53.4	53.5	58.
		24.0	36.5	43.7	51.1	56.2	58.5	63.5	51.5	51.8	51.
GE	7000	24.1	36.8	44.0	51.5	56.8	59.1	51.4	52.4	62.6	62.
GE	6000	24.3	37.0	44.2	51.8	57.1	59.6	52.0	53.1	63.3	53.
SÉ	5000	25.i	37.7	44.9	52.5	57.8	50.5	63.0	54.1	64.3	54.
GE	4530	25.4	33.4	45.7	53.5	53.9	51.5	54.0	55.1	55.3	55.
GC	4000	26.0	33.7	47.3	55.5	60.9	53.5	66.1	67.3	57.5	37.
GE	3500	25.2	40.3	48.3	56.6	62.3	54.9	67.5	58.7	63.9	57
GE	3000	25.5	40.5	43.9	57.5	53.4	56.2	63.3	70.0	70.2	70
Ģ≓	2500	27.5	42.4	50.6	59.8	65.6	59.4	71.2	72.4	72.5	72
GE	2000	23.5	43.9	52.3	61.9	63.1	71.0	73.9	75.1	75.3	75
GE.	1300	23.7	44.1	52.7	52.4	68.5	71.4	74.3	75.5	75.7	73
GE	1500	30.4	46.5	55.7	66.1	72.6	75.6	73.0	79 · 8	0.05	30
GE	1200	31.2	48.0	57.5	68.7	75.7	78.7	31.3	93.1	33.3	93
GË	1000	31.7	43.7			77.3	80.4	33.5		35.1	
GE GE	900	31.3	43.8	59.6 53.7	70.0	77.8	31.0	34.2	34.9 35.5	35.7	. y 6
GE.	300	31.3	43.9	59.6	71.4	79.5	33.0	36.5	37.7	93.1	-3( -3:
GE	700	32.2	49.5	50.1	72.3	80 <b>.</b> 9	84.5	99.1	39.7	90.0	<b>a</b> ;
GE	600	32.2	49.6	50.5	73.0	32.0	85.8	99.6	91.2	91.5	
3.0	000	J & • &	47.0	J0 • G	1310	32.0	0,740	97.0	7146	71.43	•
GE	500	32.2	47.5		73.7		36.3		92.6		ą
GE	400	32.3	49.7	51.1	73.9	83.4	87.2	91.6	93.5	93.9	
GE	300	32.3		51.2			87.5	92.0	94.0		9
ĢΕ	200	32.3	47.8	61.2	74.0	33.8		92.0	94.0	94.5	9
ĞΕ	100	32.3	49.8	61.2	74.0	83.8	87.5	92.0	94.0	94.5	- g
ĠĖ	ดดา	32.3	49.8	51.2	74.5	83.8	87.5	92.0	94.0	94.5	ć
• • •	• • • • •	• • • • • •		• • • • • •							• • •

...

n = 2 = 39

CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DESERVATIONS

B-A GVA	LA						OV 73 -	JCT 88			
				:HTMCM		HOURS:	06-08				-
ISIBILI	TY IN	STATUTE	MILES		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	
GE	GE	GE	GE	GΞ	GE	GE	GΕ	GE	υE	GΞ	
2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	<u> </u>	
• • • • • •	• • • • • •	• • • • • •		• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	
42.3	43.9	44.2	44.3	44.4	44.6	44.6	45.1	45.1	45.1	45.1	
49.1	51.0	51.6	51.7	51.3	52.2	52.4	52.9	52.9	52.9	52.9	
49.4	51.2	51.8	51.9	52.0	52.4	52.6	53.1	53.1	53.1	53.1	
47.4	51.2	51.8	51.9	52.0	52.4	52.6	53.1	53.1	53.1	53.1	
49.7	51.5	52.2	52.3	52.4	52 <b>.7</b>	52.9	53.4	53.4	53.4	53.4	
50.8	52.5	53.2	53.3	53.4	53.9	54.0	54.5	54.5	54.5	54.5	
55.1	57.3	57.7	58.0	58.1	53.5	58.7	59.2	59.2	59.2	59.2	
55.5	57.5	58.4	53.6	58.7	59.1	59.4	59.9	59.9	59.9	59.9	
53.5	63.5	51.6	51.8	51.9	62.4	62.6	53.1	63.1	63.1	63.1	
59.1	51.4	52.4	62.6	62.7	53.1	63.3	63.9	63.9	53.9	63.9	
59.6	52.0	53.1	63.3	53.4	53.9	64.1	64.6	54.5	54.5	64.5	
50.5	63.0	54.1	64.3	54.4	54.3	65.1	55.6	65.6	55.6	65.6	
51.5	54.0	55.1	55.3	55.4	55.8	66.0	65.6	66.6	55.5	55.5	
53.5	66.1	67.3	67.5	57.5	58.1	68.3	63.8	68.8	63.8	65.5	
54.9	57 <b>.</b> 5	58.7	63.9	59.0	59.5	69.7	70.2	70.2	70.2	70.2	
56.2	63.3	70.0	70.2	70.4	71.0	71.2	71.7	71.7	71.7	71.7	
58.4	71.2	72.4	72.5	72.R	73.3	73.5	74.1	74.1	74.1	74.1	
71.0	73.9	75.1	75.3	75.5	76.1	76.3	76.9	76.9	76.9	76.9	
71.4	74.3	75.5	75.7	75.0	76.6	76.8	77.3	77.3	77.3	77.3	
75.6	73.6	79.8	80.0	80.3	30.9	81.1	81.6	81.6	91.6	81.6	
78.7	31.3	93.1	93.3	83.7	94.2	34.4	34.9	84.9	84.9	34.9	
30.4	33.5	34.5	35.1	35.4	85.9	36.1	56.7	86.7	05.7		
31.0	34.2	35.5	85.7	36.0	86.5	86.8	87.3	37.3	97.3	87.3	
33.0	36.5	37.7	83.1	38.4	58.9	89.1	59.7	89.7	89.7	89.7	
24.5	83.1	39.7	90.0	90.3	91.1	91.3	91.8	91.9	91.3	91.8	
85° B	89.6	91.2	91.5	91.9	92.7	92.9	93.4	93.4	93.4	93.4	
36.3	90.7	92.6	92.9	93.4	94.2	94.4	94.9	94.9	94.9	94.9	
37.2	91.6	93.5	93.9	74.4	95.5	95.7	96.3	96.3	96.3	96.3	
87.5	92.0	74.0	94.5	95.2	96.2	95.5	97.1	97.1	97.2	97.2	
87.5	92.0	94.0	94.5	95.6	96.9	97.2	98.2	98.2	98.9	99.2	
97.5	92.0	94.0	94.5	95.6	96.9	97.3	98.3	98.3	99.1	99.9	
97.5	92.5	94.0	94.5	95.6	96.9	97.3	98.3	98.3	99.1	100.0	

UPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVAT

LING N ET CEIL 20000 18000 16000	38.4 44.2 44.3	65.2 45.2 52.6	GE 5 47.5	GË 4		VISIBILI GE 2 1/2	TY IN GE 2	STATUTE GE 1 1/2	MILES GE 1 1/4
CEIL 20000 18000	33.4 44.2 44.3	5 45.2 52.6	5	4					
CEIL 20000 18000	33.4 44.2 44.3	5 45.2 52.6	5	4					
CEIL 20000 18000	38.4 44.2 44.3	45.2 52.6	••••	• • • • • •	• • • • • •		• • • • •		
20000 18000	44.2	52.6	47.5	48.3					
20000 18000	44.2	52.6	47.5	48.3					
18000	44.3				48.6	48.7	48.7	48.7	43.7
			55.4	56.5	56.9	57.0	57.1	57.1	57.1
15000	44 2	52 <b>.7</b>	55.6	56.7	57.1	57.2	57.3	57.3	57.3
	44.5	52.7	55.6	56.7	57.1	57.2	57.3	57.3	57.3
14000	45.1	53.4	56.3	57.4	57.8	58.0	53.1	58.1	53.1
12000	45.7	54.3	5 <b>7.</b> 5	58.6	59.0	59.1	59.2	59.2	59.2
10000	47.5	57.4	61.3	62.4	63.0	53.1	63.2	= <del>-</del> 33.2	53.2
9000	47.3	57.8	51.3	62.9	63.5	53.7	53.7	53.9	53.9
8000	48.7	59.5	53.9	65.2	65.8	55.7	65.1	66.1	65.1
7000	49.1	50.2	64.9	66.3	67.0	67.1	67.3	57.3	67.3
6000	49.4	60.4	65.5	66.9	67.5	67.6	57.3	67.9	67.3
5000	49.3	61.1	66.2	67.6	58.3	68.4	63.6	68.6	53.6
4500	50.1	51.5	56.7	68.1	68.7	53.3	69.0	69.0	59.0
4000	51.4	54.2	59.5	71.3	72.2	72.3	72.5	72.6	72.5
3500	52.2	65.3	70.5	72.4	73.2	73.3	73.7	73.7	73.7
3000	55.2	59.1	74.7	76.8	77.8	73.0	73.3	78.3	78.3
2500	57.3	72.3	78.1	80.4	81.5	81.6	31.9	31.9	81.7
2000	59.4	75.2	81.9	34.4	85.7	85.3	36.2	35.2	30.2
1300	59.7	75.3	33.4	35.9	37.2	87.3	37.7	97.7	37.7
1500	52.4	30.0	3ძ.0	91.0	92.3	92.6	93.0	93.0	93.0
1200	53.2	31.7	90.1	93.4	94.7	95.2	35.7	95.7	95.7
1000	63.9	82.4	91.1	94.7	96.2	96.8	97.3	97.3	97.3
900	63.7	32.4	91.2	94.9	96.6	97.1	97.6	97.6	97.6
300	53.9	32.7	91.6	95.5	97.3	98.0	99.5	93.5	98.5
700	64.0	32.9	92.3	96.1	93.0	98.6	99.2	99.2	99.2
500	54.0	32.9	92.4	96.2	98.1	98.7	99.4	99.5	99.5
500	54.0		92.7	96.6	95.4	99.0			
	54.0	33.1	92.7	96.6	98.4	99 <b>.</b> ບ	99.3	99.9	99.9
	64.0	33.1							
100	64.0	83.1	92.7	96.6	98.4	99.0	99.8	100.0	100.0
	9000 8000 7000 6000 5000 4500 4500 4500 2500 2000 1300 1500 1500 1500 700 600 500 400 300 700 600	9000 47.3 8000 48.7 7000 49.1 6000 49.4 5000 49.4 5000 50.1 4000 51.4 3500 52.2 3000 55.2 2500 57.3 2000 59.4 1300 59.9 1500 62.4 1200 63.9 900 63.9 700 64.0 500 54.0 400 64.0 300 64.0	9000 47.3 57.8 8000 48.7 50.5 7000 49.1 50.2 6000 49.4 60.4 5000 50.1 51.5 4000 51.4 54.2 3500 52.2 59.1 2500 57.3 72.3 2000 59.4 75.2 1300 59.9 76.3 1500 62.4 30.0 1200 63.9 82.4 900 63.9 32.7 700 64.0 32.9 500 54.0 83.1 400 64.0 33.1 200 64.0 83.1 200 64.0 83.1	9000       47.3       57.8       51.3         8000       48.7       59.5       53.9         7000       49.1       50.2       64.9         6000       49.4       60.4       65.5         5000       49.3       61.1       66.2         4500       50.1       51.5       56.7         4000       51.4       54.2       59.5         3500       52.2       65.3       70.5         3000       55.2       59.1       74.7         2500       57.3       72.3       78.1         2000       59.4       75.2       81.9         1300       59.9       76.3       33.4         1500       52.4       30.0       38.0         1200       53.2       31.7       90.1         1000       63.9       82.4       91.1         903       63.9       32.4       91.2         300       53.9       32.7       91.6         700       64.0       32.9       92.3         500       54.0       83.1       92.7         400       64.0       33.1       92.7         200       64.0       8	9000       47.3       57.8       51.3       62.9         8000       48.7       59.5       53.9       65.2         7000       49.1       50.2       64.9       66.3         6000       49.4       50.4       65.5       66.9         5000       49.8       51.1       66.2       67.6         4500       50.1       61.5       56.7       68.1         4000       51.4       64.2       59.5       71.3         3500       52.2       65.3       70.5       72.4         3000       55.2       59.1       74.7       76.8         2500       57.3       72.3       78.1       80.4         2000       59.4       75.2       81.9       34.4         1300       59.9       76.3       33.4       35.9         1500       62.4       30.0       38.0       91.0         1200       63.2       31.7       90.1       93.4         1000       63.9       82.4       91.1       94.7         900       63.9       32.4       91.2       94.9         300       54.0       32.9       92.3       96.1	9000       47.3       57.8       51.8       62.9       63.5         8000       48.7       59.5       63.9       65.2       65.8         7000       49.1       60.2       64.9       66.3       67.0         6000       49.4       60.4       65.5       66.9       67.5         5000       49.8       61.1       66.2       67.6       58.3         4500       50.1       61.5       56.7       68.1       63.7         4000       51.4       64.2       69.5       71.3       72.2         3500       52.2       65.3       70.5       72.4       73.2         3000       55.2       59.1       74.7       76.8       77.8         2500       57.3       72.3       78.1       80.4       81.5         2000       59.4       75.2       81.9       34.4       85.7         1300       59.9       76.3       33.4       35.9       37.2         1500       62.4       50.0       38.0       91.0       92.3         1200       63.2       31.7       90.1       93.4       94.7         1000       63.9       32.4       91.1	9000       47.5       57.8       51.3       62.7       63.5       53.7         8000       48.7       59.5       53.9       65.2       65.8       55.9         7000       49.1       50.2       64.9       66.3       67.0       67.1         6000       49.4       60.4       65.5       66.9       67.5       67.6         5000       49.8       61.1       66.2       67.6       58.3       68.4         4500       50.1       61.5       56.7       58.1       63.7       53.3         4000       51.4       64.2       59.5       71.3       72.2       72.3         3500       52.2       65.3       70.5       72.4       73.2       73.3         3000       55.2       59.1       74.7       76.8       77.8       73.0         2500       57.3       72.3       78.1       80.4       81.5       81.6         2000       59.4       75.2       81.9       34.4       35.7       35.3         1300       59.7       76.3       33.4       35.9       37.2       87.3         1500       62.4       30.0       38.0       91.0       92.3 <td>9000 47.3 57.4 51.3 62.9 63.5 53.7 63.7 8000 48.7 59.5 63.9 65.2 65.8 65.9 65.1 7000 49.1 60.2 64.9 66.3 67.0 67.1 67.3 6000 49.4 60.4 65.5 66.9 67.5 67.6 57.3 5000 49.8 61.1 66.2 67.6 68.1 63.7 68.3 69.0 4000 50.1 61.5 66.7 68.1 63.7 68.3 69.0 4000 51.4 64.2 69.5 71.3 72.2 72.3 72.5 3500 52.2 65.3 70.5 72.4 73.2 73.3 73.7 3000 55.2 59.1 74.7 76.8 77.8 73.0 73.3 73.7 73.0 55.2 59.1 74.7 76.8 77.8 73.0 73.3 73.7 75.0 59.9 75.3 33.4 35.9 37.2 37.3 37.7 1500 62.4 50.0 38.0 91.0 92.3 92.6 93.0 1200 63.2 31.7 90.1 93.4 94.7 95.2 95.7 700 64.0 32.9 92.3 96.1 93.0 98.6 99.2 600 54.0 32.9 92.3 96.1 93.0 98.6 99.2 600 64.0 32.9 92.3 92.4 96.2 98.1 98.7 99.4 70.0 64.0 33.1 92.7 96.6 93.4 99.0 99.3 300 64.0 33.1 92.7 96.6 93.4 99.0 99.3 300 64.0 33.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6</td> <td>9000       47.3       57.8       51.3       62.9       63.5       53.7       53.7       53.9         8000       48.7       59.5       63.9       65.2       65.8       55.9       65.1       66.1         7000       49.1       60.2       64.9       66.3       67.0       67.1       67.3       57.3         6000       49.4       60.4       65.5       66.9       67.5       67.6       57.3       67.3         5000       49.8       61.1       66.2       67.6       58.3       68.4       63.6       68.6         4500       50.1       61.5       56.7       68.1       63.7       53.3       67.0       69.0         4000       51.4       64.2       59.5       71.3       72.2       72.3       72.5       72.6         3500       52.2       65.3       70.5       72.4       73.2       73.3       73.7       73.7         3000       57.3       72.3       78.1       80.4       81.5       81.6       31.9       31.9         2000       59.4       75.2       81.9       34.4       85.7       85.3       36.2       36.2         1300       59.5&lt;</td>	9000 47.3 57.4 51.3 62.9 63.5 53.7 63.7 8000 48.7 59.5 63.9 65.2 65.8 65.9 65.1 7000 49.1 60.2 64.9 66.3 67.0 67.1 67.3 6000 49.4 60.4 65.5 66.9 67.5 67.6 57.3 5000 49.8 61.1 66.2 67.6 68.1 63.7 68.3 69.0 4000 50.1 61.5 66.7 68.1 63.7 68.3 69.0 4000 51.4 64.2 69.5 71.3 72.2 72.3 72.5 3500 52.2 65.3 70.5 72.4 73.2 73.3 73.7 3000 55.2 59.1 74.7 76.8 77.8 73.0 73.3 73.7 73.0 55.2 59.1 74.7 76.8 77.8 73.0 73.3 73.7 75.0 59.9 75.3 33.4 35.9 37.2 37.3 37.7 1500 62.4 50.0 38.0 91.0 92.3 92.6 93.0 1200 63.2 31.7 90.1 93.4 94.7 95.2 95.7 700 64.0 32.9 92.3 96.1 93.0 98.6 99.2 600 54.0 32.9 92.3 96.1 93.0 98.6 99.2 600 64.0 32.9 92.3 92.4 96.2 98.1 98.7 99.4 70.0 64.0 33.1 92.7 96.6 93.4 99.0 99.3 300 64.0 33.1 92.7 96.6 93.4 99.0 99.3 300 64.0 33.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6 93.4 99.0 99.8 000 64.0 83.1 92.7 96.6	9000       47.3       57.8       51.3       62.9       63.5       53.7       53.7       53.9         8000       48.7       59.5       63.9       65.2       65.8       55.9       65.1       66.1         7000       49.1       60.2       64.9       66.3       67.0       67.1       67.3       57.3         6000       49.4       60.4       65.5       66.9       67.5       67.6       57.3       67.3         5000       49.8       61.1       66.2       67.6       58.3       68.4       63.6       68.6         4500       50.1       61.5       56.7       68.1       63.7       53.3       67.0       69.0         4000       51.4       64.2       59.5       71.3       72.2       72.3       72.5       72.6         3500       52.2       65.3       70.5       72.4       73.2       73.3       73.7       73.7         3000       57.3       72.3       78.1       80.4       81.5       81.6       31.9       31.9         2000       59.4       75.2       81.9       34.4       85.7       85.3       36.2       36.2         1300       59.5<

TOTAL NUMBER OF OBSERVATIONS 930

(

(

C

0 - 2 - 40

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ENG	LAVO 458	LA					DSD: N		JCT 88			•
+ 6					HTMOM:	MAY	HOURS:	09-11				,
, • • • •	VISIBILI								• • • • • •	• • • • • • •		
3 <i>E</i> 3	GE 2 1/2	G <u>∈</u> 2	GE 1 1/2	GE 1 1/4	G <u>E</u> 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0	
		• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
P= .5	43.7	48.7	48.7	49.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	
55.9	57.3	57.1	57.1	57.1 57.3	57.1 57.3	57.1 57.3	57.1 57.3	57.1 57.3	57.1 57.3	57.1 57.3	57.1 57.3	
57 <b>.1</b>	57.2 57.2	57.3 57.3	57.3 57.3	57.3 57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	-
57 <b>.</b> 3	58.0	58.1	58.1	53.1	59.1	58.1	59.1	59.1	58.1	58.1	58.1	
5.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
3.0	53.1	53.2	53.2	53.2	53.2	63.2	63.2	63.2	63.2	63.2	63.2	
3.5	53.7	53.9	53.9	53.9	53.9	53.9	63.9	63.9	63.9	63.9	63.9	
\$5.3°	55.7	55.1	66.1	66.1	55.1	56.1	56.1	65.1	66.1	66.1	65.1	
7.0	67.1	67.3	57.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	
7.5	67.6	57.3	67.3	67.8	67.3	67.8	67.5	67.8	67.8	6 <b>7.</b> 8	5 <b>7.</b> 8	
3.3	68.4	63.6	68.6	58.6	68.6	68.6	68.6	68.6	58.6	58.5	58.6	
3.7	53.3	69.0	69.0	59.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
2.2	72.3	72.5	72.6	72.5	72.6	72.5	72.6	72.6	72.0	72.6	72.5	
3.2	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
7.3	73.0	73.3	79.3	78.3	79.3	78.3	78.3	78.3	78.3	78.3	78.3	
1.5	81.6	31.9	31.9	91.9	81.9	81.9	81.9	91.9	81.9	81.9	81.9	
5.7	35.3	35.2	36.2	36.2	36.2	36.2	86.2	86.2	86.2	86.2	35.2	
7.2	37.3	37.7	97.7	37.7	97.7	87.7	87.7	87.7	87.7	37.7	37.7	
2.3	32.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
· . 7	95.2	<b>75.7</b>	95.7	95.7	95.7	95.7	95.7	95 <b>.7</b>	95.7	75.7	95.7	
4.2	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
5.5	97.1	97.6	97.6	37.6	97.6	97.5	97.6	97.6	97.5	97.6	97.6	_
7.3	78.0	99.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	93.5	
3.0	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	39.2	99.2	99.2	
3 • 1	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
3.4	99.0		99.9	99.9	99.9				99.9	99.9	99.9	
3.4	99.0	99.3	99.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	_
3.4	99.0 99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
8.4	99.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
4.4	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
<b>P</b>		-								-	-	
												1

	OPERATIN USAFETAC					PERCE	NTAGE FR		Y OF OCC HOUSLY		
	NCITATE	NJM3F7:	747543		TIDN NA		LAND AFB	LA			9 <u>.</u>
	CSTLING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	VISIBILI	TV TN	STATISTE	MILES	• • •
	CEILING	GE	GH	GE	GE	GĒ	GE	GE GE	GE	GE S	
	FEET	9r. 7		5 5	4 4	3	2 1/2	2	1 1/2		
	******		5				2 1/2				
		•••••	• • • • • • • •	• • • • • •	••••	••••	•••••	•••••	• • • • • • •	• • • • • • •	• • •
-	NO CEIL	43.5	51.2	52.0	52.5	52.6	52.5	52.6	52.5	52.5	ڹ
	GE 20000	53.7	51.7	63.4	54.0	54.1	64.1	64.1	54.1	64.1	5
	GE 15000		61.9	63.7	64.2	64.3	64.3	54.3	64.3	64.3	6
	GF 15000		51.9	53.7	54.2	64.3	64.3	54.3	64.3	54.3	5
	GE 14000	54.4	52.8	64.5	65.1	65.2	65.2	65.2	65.2	65.2	5
	SF 12000	55.7	54.5	55.3	66.9	67.1	67.1	67.1		57.1	Ġ
	GE 10000	58.5	67.8	59·3	70.3	70.5	70.5	70.5	70.6	70.3	7
	GE 9000		53.3	70.2	70.8	71.0	71.1	71.1	71.1	71.1	7
	SE 8000		70.4	72.4	72.9	73.1	73.2	73.2	73.2	73.2	7
	GE 7000		71.0	73.2	73.3	74.0	74.1	74.1	74.1	74.1	7
	SE 6000		71.2	73.5	74.1	74.3	74.4	74.4	74.4	74.4	7
	G= 5000	51.4	71.4	73.3	74.3	74.5	74.5	74.5	74.6	74.5	7
	GE 4500		72.3	74.8	75.4	75.6	75.7	75.7	75.7	75.7	7
	SE 4000		75.9	73.7	79.7	30.2	30.3	83.3	30.3	30.3	. 5
	GE 3500		79.5	82.3	83.4	84.0	84.1	84.1	34.1	34.1	-,
	GE 3000	71.1	34.1	37.5	88.3	83.8	88.9	89.1	99.2	39.2	- 1
	GE 2500	73.7	33.2	91.7	93.0	93.5	93.7	94.0	94.1	94.1	)
	GE 2000		90.0	93.7	95.1	95.6	95.7	96.0	96.1	36.1	3
	GE 1800		90.2		95.3	95.8	95.9	96.2	96.3	96.3	· 🤌
	GE 1500	75.6	91.1	94.7	96.2	96.8	96.9	97.3	97.4	97.5	9
4	SE 1200	75.9	71.4	75.1	96.7	97.2	97.4	93.0	73.1	98.2	÷
	GE 1000	76.3	91.8	95.6	97.4	93.I	98.4	99.1	99.2	99.4	· a
	GE 900		91.9	95.6	97.4	98.1	98.4	99.1	99.2	99.4	9
	<u> </u>		गा.ह	95.7	97.5	98.2	98.5	99.2	99.4	79.5	- 7
		76.3					98.5				9
* (	SE 600		71.3	95.7			98.5				
	GF 500	76.5	91.9	95.8	97.6	93.3	98.5	99.4	79.5	99.5	9
	GE 400		91.9	95.8	97.6	98.3	98.6	99.4	99.5	99.6	9
	GE 300		91.9	75.8	97.6	93.4	98.7	99.6	99.7	77.3	<del>- ģ</del>
	GE 200		91.9	95.3	97.6	98.4	98.7	99.5	99.7	99.8	9
	SE 100			75.8		99.4					-·· a
	ĠĔ 0 <u>5</u> 0	76.5	91.9	95.3	97.6	93.4	98.7	99.0	99.7	99.8	<b>a</b>
		• • • • • • •	• • • • • • •			• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	

TOTAL NUMBER OF DISERVATIONS 930

(

...

9 - 2 - 4

## FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

		STATUTE									
	GĒ	GE	GE	GE	GE	GE E 49	GE	GE 3.49	GE 1/4	SE	
	2	1 1/2	1 1/4	<u> </u>	3/4	5/9	1/2	3/8	1/4	0	
•	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •					
	52.6	52.5	52.5	52.6	52.6	52.6	52.6	52.5	52.6	52.6	**
			-								
	64.1	54.1	64.1	54.1	64.1	54.1	64.1	64.1	64.1	64.1	
	54.3	64.3	64.3	64.3	64.3	64.3	54.3	64.3	64.3	64.3	
	54.3	64.3	54.3	54.3	64.3	64.3	64.3	64.3	64.3	64.3	
	55.2	65.2	65.2	55.2	55.2	65.2	65.2	65.2	65.2	65.2	
	57.1	67.1	57.I	57.1	67.1	67.1	67.1	67.1	67.1	67.1	
	30"2	70.	70 6	70 (	70-2	70-2	77.	70 4	70.6	73.6	
	70.5	70.6	70.5	70.5	70.6	70.6	70.5	70.6		71.1	
	$\frac{71.1}{73.2}$	71.1	$\frac{71.1}{73.2}$	71.1	71.1	71.1	71.1	71.1	71.1	73.2	
	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
	74.4	74.4	74.4	$-\frac{73.1}{74.4}$	74.4	74.4	74.4	74.4	74.4	74.4	
	17.7	1707	17.7	1747	1707	1 T • T	1407	1404	1717	1717	
	74.5	74.6	74.5	74.5	74.6	74.6	74.6	74.6	74.5	74.6	
	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
	$\frac{3}{3}$	33.3	30.3	93.3	80.3	80.3	30.3	30.3	80.3	33.3	
	54.1	34.1	34.1	34.1	84.1	84.1	84.1	34.1	84.1	34.1	
	39.I	99.2	39.2	89.4	89.4	89.4	89.4	89.4	89.4	39.4	
	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
	95.0	96.1	96.1	95.2	96.2	96.2	96.2	95.2	96.2	96.2	
	95.2	96.3	96.3	96.5	96.5	96.5	95.5	96.5	96.5	96.5	
	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.5	97.6	
	93.0	73.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
	03.1	00. 5	20.	00 5	00 5	00 5	00 5	99.5	99.5	99.5	
	99.1 99.1	99.2 99.2	99.4 99.4	99.5	99.5	99.5	99.5 99.5	99.5	99.5	99.5 99.5	
	99.2	<del>99.2</del>	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.5	
	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.5	99.6	99.6	
	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
	/ / • C	<i>,</i> , • ¬	• .	,,,,,	, , <b>, ,</b> ,	,,,	,,,	. ,		, , <b>,</b> ,	
	99.4	99.5	79.5	99.7	99.7	99.7	99.7	99,7	99.8	99.8	
	99.4	99.5	99.6	99.7	99.7	99.7	99.7		99.8	99.8	
	99.6	99.7		99.9					100.0		
	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
	99.5	99.7		99.9	99.9	99.9	99.9	99.9			
	93.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	

9 - 2 - 41

PERCENTAGE FREQUENCY OF OCCURRENCE OF OPERATING LOCATION "A" FROM HOURLY OBSERVATION USAFETAC, ASHEVILLE NO D=31 STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA LST TO UTC: + 6 MONT VISIBILITY IN STATUTE MILES CEILING GE r, i-GE SΞ GE GE GΞ ĞË IN FEET 7 6 5 3 2 1/2 2 1 1/2 1 1/4 53.8 53.9 53.9 53.9 53.7 53.9 NO CEIL 44.5 52.7 53.5 53. 53.4 70.2 70.2 77.2 70.2 59.7 70.1 70.2 70. GÉ 20000 57.3 70.2 63.9 70.6 70.8 70.3 70.3 70.8 70.3 70. GE 18000 58.4 70.3 70.8 53.9 70.2 70.6 70.8 70.3 70.9 75. GE 15000 53.4 71.2 71.3 71.3 71.3 71.3 71.3 71. GE 14000 53.7 59.5 70.3 72.8 72.3 72.8 72.3 GE 12000 59.6 70.3 72.3 72.7 72.3 72. 75. 76.1 76.5 75.5 75.5 75.5 76.5 76.5 GE 10000 51.7 74.1 77. 74.3 77.3 77.3 77.3 77.3 77.3 77.3 3000 16.5 62.3 GE 77.3 79. CCOE 64.5 73.5 79.1 79.5 79.5 79.5 79.5 79.5 80.3 GE 7000 77.6 79.4 80.0 80.3 80.3 90.3 80.3 3). 55.1 80.3 30.6 30.5 80.6 30.5 30.5 GF 6000 55.4 73.0 79.7 30. 73.3 80.0 81.0 31.0 81.0 91. GF 5000 65.5 80.5 81.3 81.0 82.2 92.2 32.2 32. GF 4500 66.0 79.0 30.9 81.6 32.0 32.2 SF 4000 85.5 35.6 -,5, 53.1 31.7 34.1 54.8 35.5 35.5 35.5 70.4 89.4 89.5 89.5 89.6 39.5 90. 3500 34.8 87.7 88.7 GE Сą, 3000 72.7 38.5 91.3 92.9 93338 93.9 94.2 94.2 94.2 ĞE 95.7 75, 73.3 20.0 93.7 94.7 95.6 95.0 95.0 46.0 GF 2500 95. SE 2000 73.9 90.2 93.9 95.2 95.0 75.1 95.5 95.5 75.5 75. 95.3 95.1 GE 1800 73.3 90.2 93.9 76.2 75.5 75.5 76.5 95.8 97.2 GE. 1500 74.2 90.6 94.4 96.8 96.9 97.2 97.3 97. 96.6 98.0 98.1 93, GE 1200 74.5 71.1 95.1 97.5 97.5 98.0 78.5 99.4 93 GF 1000 75.3 93.4 74.5 91.3 75.3 97.3 98.1 99.2 74.7 99.1 33 GE 900 91.7 95.3 97.4 98.6 98.8 99.1 99.5 74.9 97.6 77 300 96.0 93.8 99.0 99.4 99.4 SE 91.9 99.6 99.7 90 75.2 99.0 GE 700 92.2 96.2 97.8 99.2 99.5 99.7 99.8 90 75.3 99.1 97.7 98.0 99.4 GE 600 92.3 95.3 99.8 99.2 99.5 99.3 79.9 CCI ĠĖ 500 75.3 92.3 96.5 98.1 99.9 99.2 99.5 92.3 98.1 99.8 100 75.3 94.8 SE 400 96.5 97.8 99.8 75.3 79.9 100 300 99.2 99.5 3F 98.1 72.3 95.5 99.8 99.9 75.3 99.5 100 GE. 200 98.1 99.2 99.8 72.3 96.5 99.3 75.3 99.9 GE 100 98.1 99.2 99.5 99.8 1700 72.3 96.5 75.3 92.3 96.5 99.5 99.9 99.3 99.9 100 ÖÖÖ 98.1 99.2

930

TOTAL NUMBER OF DBSERVATIONS

FROM HOURLY DESERVATIONS

O AF5	LA			PERIOD MONTH:		ORD: N HOURS:		UC1 88	<b>,</b>		
IRII I	• • • • • • • • • • • • • • • • • • •	STATUTE	MILES	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
GE	35	GE	GE	GE	GE	, GE	GE	GE	GE	GE	
1/2	ءَ ک		1 1/4		3/4	5/3	1/2	3/8	1/4	Ö	
1/2	· · · · · ·	1 1/2	1 1/7		3,7		112				
••••	• • • • • •	• • • • • • • •		• • • • • • •		••••					
3.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
0.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
70.3	70.3	70.8	70.8	70.3	70.8	70.8	70.8	70.8	70.8	70.8	
70.3	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	
71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
72.8	72.3	72.8	72.3	72.3	72.8	72.8	72.8	72.8	72.8	72.3	
75.5	75.5	76.5	76.5	76.5	76.5	76.5	75.5	75.5	76.5	76.5	
77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
10.3	30.3	80.3	80.3	80.3	80.3	82.3	80.3	80.3	90.3	30.3	
30.6	30.5	30.6	30.5	80.6	80.6	80.6	80.6	80.5	30.5	80.5	
•											
1.3	81.0	31.0	81.0	81.0	31.0	31.0	81.0	81.0	81.0	81.0	
32.2	32.2	82.2	32.2	32.2	82.2	32.2	82.2	82.2	82.2	82.2	
5.5	35.5	85.6	35.5	85.6	85.6	85.6	85.6	85.5	85.6	85.6	
19.5	39.5	89.6	87.6	39.7	89.7	89.7	89.7	99.7	89.7	89.7	
3.9	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
					,					,	
5.7	95.0	96.0	96.0	96.1	95.1	96.1	96.1	96.1	96.1	95.1	<del></del>
95.1	95.5	95.5	95.5	96.6	96.6	96.6	96.6	96.5	95.5	95.6	
16.2	95.5	95.5	76.5	75.7	96.7	96.7	96.7	96.7	96.7	95.7	<del></del>
95.9	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
7.6	98.0	98.0	98.1	93.2	98.2	98.2	99.2	98.2	98.2	98.2	
. • .	, • •			,,,,	, , , ,	, . <b></b>			, , , ,		
9.1	93.4	98.4	78.5	98.5	98.6	98.6	98.6	98.5	98.5	93.5	
8.8	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
9.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
9.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
9.4	92.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
•		. • •	• •							-	
9.5	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
9.5	91.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
7.5	97.8	99.8	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
9.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
9.5	99.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
• -			•								
9.5	99.9	99.3	79.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

)

9 - 2 - 42

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF A FROM HOURLY DISSERVATIONS

STAT	TON N	IUMBER:	747540		TO UTC		AND AFB	LA			PERIC MONT +
CEIL		• • • • •		• • • • • •	• • • • • • •	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •
IN		GE	GE	GE	GE	GE	GE	GĒ	SE	GE	\$₹
FEE		7	6	5	4	3	2 1/2	2		1 1/4	1
								• • • • •			
NO C	FIL	51.3	59.1	60.2	60.4	60.5	60.5	60.6	50.5	50.5	50.5
GE 2	20000	59.7	70.3	72.0	72.4	72.8	72.8	72.8	72.3	72.3	72.3
SE 1	3000	59.7	73.3	72.0	72.4	72.8	72.8	72.3	72.8	72.3	72.
GE 1	6000	59.7	70.3	72.0	72.4	72.8	72.3	72.3	72.3	72.3	72.3
GE 1	4000	60.3	71.2	72.9	73.2	73.7	73.7	73.7	73.7	73.7	73.7
GE 1	0005	61.2	72.2	73.9	74.2	74.6	74.6	74.6	74.5	74.5	74.5
GE 1	.0000	63.5	75.3	<b>77.</b> 5	78.0	73.9	78.9	78.9	78.9	73.9	78.9
	9000	54.0	75.3	73.1	78.5	79.6	79.6	77.5	79.6	79.0	73.5
r.F	3000	65.5	78.9	30.6	81.2	32.4	82.4	32.4	32.4	32.4	32.4
GE.	7000	67.1	79.7	31.5	82.0	83.2	33.2	83.2	83.2	83.2	83.2
SE	6000	67.3	30.1	81.9	82.5	33.7	83.7	33.7	83.7	83.7	83.7
SE	5000	58.4	31.2	83.4	84.0	95.2	85.2	95.2	35.2	85.2	85.1
SE	4500	68.5	91.3	33.5	84.1	35.4	35.4	85.4	35.4	35.4	35.4
<u> 75</u> –	4000	70.5	<b>43.</b> 8	36.2	35.9	<b>33.3</b>	88.5	83.5	38.5	38.5	35.5
GΞ	3500	72.2	36.2	39.1	39.9	91.6	91.3	32.7	92.0	92.0	92.)
GE	3000	73.4	33.5	91.8	92.8	94.6	94.8	95.1	75.1	95.1	95.1
GE	2500	74.3	90.4	94.0	94.9	96.9	97.1	97.3	97.3	97.3	97.3
SF	2000	74.7	70.5	94.3	95.4	97.3	97.5	97.7	97.7	97.7	97.7
SE	1800	75.1	90.8	94.4	95.5	97.4	97.5	97.3	97.3	97.3	97.5
GF	1500	75.2	90.9	34.5	95.6	97.5	97.7	93.0	98.0	98.0	95.0
٥Ē	1200	75.4	91.2	95.1	96.1	98.2	98.4	98.6	98.6	98.6	98.5
<b>6</b> E	1000	75.7	91.7	95.7	96.3	98.9	99.1	99.4	99.4	97.4	99.4
GF	900	75.7	91.7	95.7	96.8	98.9	99.1	99.4	99.4	99.4	99.4
GE.	300	75.9	91.0	95.9	97.0	99.1	99.4	99.5	99.6	99.5	99.6
SE.	799	76.2	92.3	96.2	97.3	99.5	99.7	99.9	99.9	99.9	99.9
ĞE	500	75.2	92.3	95.2	97.3	99.5	99.7	99.9	99.9	99.9	99.9
ĞĒ	500	76.2	92.3	96.2	97.3	99.5	99.7	99.9	99.9	99.9	-99.9
GE	400	75.2	92.3	96.2	97.3	99.5	99.7	99.9	99.9	99.9	99.9
GË	300	76.2	92.3	36.2	97.3	99.5	99.7	99.9	99.9	99.9	99.9
GE	200	76.2	92.3	96.2	97.3	99.5	99.7	99.9	99.9	99.9	99.9
GE	100	76.2	92.3	96.2	97.3	99.5	99.7	99.3		99.9	99.9
GE	000	76.2	92.3	96.2	97.3	99.5	99.7	99.9	99.9	99.9	99.9
			• • • • • • •		• • • • • •						

TOTAL NUMBER OF OBSERVATIONS 930

CENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

FROM HOURLY OBSERVATIONS

GLAND AFE	3 LA			PERIOD MONTH:	_	JRD: N HOURS:	JV 73 -	3CT 88		_	
					1A! !	• • • • • •	10.50	• • • • • •	• • • • • •	• • • • • •	
VISIBILI											
G∃	SE	SE	GE	GE	GE	GE	GE	GE	GΕ	GE	
2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4		
• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	
60.5	50.5	50.5	50.5	60.6	60.6	60.5	60.6	60.6	50.6	60.5	
72.8	72.8	72.3	72.3	72.3	72.8	72.8	72.8	72.8	72.3	72.8	
72.8	72.3	72.8	72.3	72.8	72.3	72.3	72.8	72.8	72.8	72.3	
72.3	72.3	72.3	72.3	72.3	72.8	72.8	72.8	72.8	72.3	72.3	
73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
74.6	74.6	74.5	74.6	74.5	74.5	74.5	74.6	74.6	74.5	74.5	
78.9	78.9	73.9	78.9	78.9	78.9	78.9	73.9	78.9	78.9	78.9	
79.6	79.5	79.6	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
32.4	32.4	32.4	32.4	32.4	32.4	32.4	82.4	82.4	52.4	32.4	
33.2	83.2	83.2	83.2	33.2	83.2	83.2	83.2	83.2	33.2	83.2	
93.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	33.7	33.7	
95.2	95.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	95.2	- 35.2	
35.4	35.4	85.4	35.4	35.4	85.4	85.4	85.4	85.4	35.4	85.4	
38.5	83.5	38.5	88.5	38.5	88.5	98.5	89.5	83.5	33.5	93.5	
91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
<del>97.</del> 5	97.3	97.8	97.8	97.8	97.8	97.3	97.3	97.3	97.8	97.8	
97.7	93.0	78.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
98.4	98.6	98.6	98.6	98.6	98.6	99.6	98.6	98.5	98.5	98.6	
99.T	99.4	99.4	93.4	99.4	39.4	99.4	99.4	99.4	99.4	99.4	
99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
99.4	99.5	97.6	99.6	99.6	99.6	99.6	99.8	99.5	99.6	99.6	
99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
00 T	00 0	30.0	00 0	99 9	00 0	00 0	<u> </u>	00 0	00.0	00 0	
79.7 99.7	99.9 99.9	99.9	99.9	99.9 99.9	99.9 99.9	99.9	99.9 99.9	99.9 99.9	100.0	100.0	
99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	<del></del>
99 <b>.</b> 7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
フプ・「	77.7	77.7	フフ・ブ	フプ・ブ	77.7	フフ・ブ	フマ・ブ	77.7	100.0	100.0	
99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF C FROM HOURLY DESERVATIONS

STATION	<u>งบพธส</u> ระ	747543		TION NAM		LAND AFE	LA			7 <u>5</u> 81.7 40414
CELLING	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • •	VISIBILI	TV TM	CTATHTE	MILES	• • • • • •
CEILING IN	GE	Sξ	SE	GE	GË	GE	SÉ	GE	SE	GE
FEET	են 7	95 6	5 5	6 E 4	3	2 1/2	3 E 2	1 1/2		
FEEL						2 1/2		1 1/2		
• • • • • • • •	• • • • • • •	• • • • • • • •	,	,	,	• • • • • • • •	• • • • •	• • • • • • • •	,	
NO CEIL	59.5	55.5	67.7	68.1	68.7	68.B	68.9	59.0	59.0	69.0
SF 20000	54.5	71.4	74.1	74.7	75.4	75.5	75.6	75.7	75.7	75.7
GF 18000		71.4	74.1	74.7	75.4	75.5	75.5	75.7	75.7	76.7
SE 16000		71.4	74.1	74.7	75.4	75.5	75.5	75.7	75.7	75.7
GE 14000		71.5	74.3	74.9	75.6	75.7	75.3	75.9	75.9	75.
GE 12000		72.5	75.2	75.9	76.6	76.7	75.€	76.9	76.9	76.3
0 <u> 12</u> 000	,,,,,,	, L	· > • -	• - • -		* > •	1 3 4 2	, 3 • ,		
GE 10000	67.4	75.6	73.4	79.1	79.8	79.9	30.0	30.1	37.1	50 <b>.</b> 1
GE 9000		75.5	78.5	79.2	79.9	80.0	30.1	30.2	30.2	50.2
SE 3003		77.4	30.5	31.4	82.5	32.2	$\frac{32.3}{32.3}$	32.4	32.4	12.4
GE 7000		78.1	91.2	82.0	32.7	32.8	92.9	53.0	93.0	93.3
GE 6000	59.5 59.5	79.7	81.9	82.7	83.3	33.4	63.5	83.7	33.7	23.7
35 3000	<b>37</b> € 3	1301	27.03	9241	73.5	33• <b>4</b>	E <b>3</b> ⊕ 9	73 • 1	7241	7.7 € 1
GE 5000	71.3	80.4	33.5	94.4	85.1	કે5∙2	85.3	35.4	35.4	95.4
GE 4500		80.9	34.1	84.9	85.6	35.7	35.3	35.9	45.9	35.4
देहें देवेंवेंवें		33.4	37.0	38.2	33.9	89.0	87.1	37.2	39.2	39.3
GE 3500		84.5	89.1	89.2	90.0	90.1	90.2	90.3	90.3	90.1
GE 3000		35.7	89.2	90.5	91.3	91.4	91.5	71.5	91.6	91.5
<b>3.</b> 3003	1211	1011	₩ <b>.</b>	,,,,	1200	/ L   T	7 . • ~	71.40	7 A W C4	/ <b>.</b> · ·
GE 2500	75.5	37.5	91.6	93.0	93.8	93.9	94.0	94.1	94.1	94.
GE 2000		ყ <b>მ</b> • 5	92.9	94.5	95.4	95.5	95.6	75.7	95.7	95.7
<u> 3E 1800</u>		83.5	92.9	74.5	95.5	95.5	95.7	75.3	75.8	75.4
GE 1500		89.5	94.1	96.0	97.1	97.2	97.3	97.4	97.4	97.4
S= 1200		- 90.1	94.7	96.7		98.5	93.1	- 79.2	98.2	93.0
3		, U .	734.	70.0	/ 1 4 5	7000	/ / •	7:2 % %	/0 -	/5.
GE 1000	77.3	90.I	95.1	97.5	93.4	98.5	99.8	99.9	39.T	99.1
GE 900	77.8	90.1	95.1	97.0	98.4	98.5	99.3	98.9	99.1	99.1
5F 822		90.8	95.7	97.6	99.0	99.1	99.5	99.6	99.8	99.
GE 700		90.9	95.8	97.7	99.1	99.2	99.5	99.7	99.9	99.
GE 600		90.9	75.8	97.7	- 99.1	39.2	99.5	99.7	99.5	99.
<b>9</b> 0 0 0	10.	/ 5 • /	// <b>*</b> G	, , <b>, ,</b> ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	// <b>*</b>	, , <b>,</b>	× · • •	, , <b>,</b> ,	
GE 500	78.4	70.9	95.8	97.7	99.2	99.4	99.7	99.8	100.0	100.0
GE 400		90.9	95.8	97.7	99.2	99.4	99.7	99.9	100.0	100.
SE 300		70.9	75.8	97.7	99.2	99.4	99.7	99.8	100.0	130.:
GE 200		90.9	95.8	97.7	99.2	99.4	99.7	99.8	100.0	100
GE 100		95.9	95.8	97.7	99.2		99.7	99.8	100.0	100.
	-	-		•		•				
SE 005	79.4	90.9	95.8	97.7	99.2	99.4	99.7	97.8	T00.3	100.
	• • • • • •	• • • • • • •		• • • • • •	•••••		,	• • • • • • •		• • • •

930

TOTAL NUMBER OF DESERVATIONS

(

0 - 2 - 44

### AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ND AFB	- <del>Γ</del> Δ			PERTIO	OF REC	ORD: N	กง 78 -	act 36			
15 4/ 5				MONTH:		HOURS:		20.			
			• • • • • •			• • • • • •			•••••		
SIPILI	TY IN S										
\$ <del>E</del>	GE	GE	GE.		SE	GE	SE	GE	ΒĒ	GI	
2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/3	1/4	· O	
	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • •	• • • • •	
			_						_		
58.B	68.9	59.0	59.0	67.0	59.0	69.0	59 <b>.</b> 0	69.0	59.0	69.0	
75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
75.7	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
75.7	76.8	76.9	75.9	76.9	76.9	75.9	75.9	76.9	76.9	76.9	
79.9	30.0	30.1	30.1	30.1	85.1	30.1	80.1	80.1	80.1	30.1	
3 <b>0.</b> 0	80.1	80.2	30 • 2	30.2	80.2	30.2	80.2	80.2	80.2	50.2	
32.2	32.3	32.4	32.4	32.4	32.4	82.4	32.4	32.4	82.4	82.4	
42.8	92.9	83.0	93.0	83.0	83.0	83.0	83.0	83.0	83.0	33.0	
33.4	e3.5	83.7	83.7	83.7	33.7	33.7	93.7	83.7	93.7	33.7	
35.2	95.3	35.4	35.4	95.4	35.4	35.4	85.4	85.4	05.4	35•→	
35.7	95.3	35.9	85.9	35.9	35.9	35.9	85.9	85.9	85.9	05.9	
39.0	81.1	39.2	39.2	39.2	39.2	89.2	89.2	89.2	59.2	ਰ9•2	
90.1	90.2	90.3	90.3	90.3	90.3	90.3	99.3	90.3	90.3	90.3	
91.4	91.5	71.5	91.6	91.5	91.6	91.6	91.6	91.6	91.6	71.6	
93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
95.5	95.7	95.B	75.8	95.8	95.8	95.9	95.8	95.8	95.8	95.3	
97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
93.0	93.1	75.2	78.2	98.2	98.2	98.2	93.2	98.2	98.2	93.2	
98.5	98.8	99.9	79.1	99.1	99.1	99.1	~99.I~	99.1	99.1	99.1	
98.5	99.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.8	99.8	99.3	
99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
39.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.5	100.0	100.0	100.0	
99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
99.4	99.7	99.8	100.0	100.0	100.0	130.0	100.0	100.3	100.0	100.0	
99.4	99.7	97.8	100.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	

OPERATING LOCATION MAW USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY DE JOCURRENCE DE C FROM HOURLY DASERVATIONS

ST	VLII)	भ्राज्यम् इंट्रा	747543		TO UTC:		LAND AF3	L A			7:3[: MANTH
	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		VISIBILI	TY IN	 Statute	411 ES	••••
	N	g≓	Sé	SE	GE	GE	GE	5.£	. ۱۵۱۰	96	3 <del>-</del>
	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
• • •		• • • • • • •	• • • • • • •					• • • • •		• • • • • •	
NO	CEIL	42.3	49.7	52.7	54.2	55.3	55.6	55.1	56.3	55.3	54.
	20000	43.1	57.3	60.9	63.0	64.3	54.5	55.2	55.5	65.j	45.3
	13000	49.3	57.4	61.1	53.2	64.4	54.3	55.4	55.0	55.7	55.
	15000		57.4	51.1	33.2	64.4	34.3	35.4	55.5	35.7	34.
	14000		57.9	61.5	63.7	54.9	55.3	55.9	55.1	55.2	55.
	12000		54.4	52.5	64.7	66.0	65.3	55.9	67.2	57.2	67.
, .	12 300		, · • ·	7647	011,	.,,,,,	.,0,5	,,,,,,		<i>&gt;1 € 1.</i>	
35	10000	51.2	51.5	55.6	67.9	69.5	70.3	70.3	70.9	75.9	71.1
SE	9000		51.8	55.9	53.3	70.0	70.4	71.1	71.4	71.4	71.
35	9000		53.5	67.3	75.4	72.1	72.5	73.3	73.6	73.5	73.
GE	7000	53.2	54.2	59.5	71.1	72.3	73.3	74.1	4.4	74.4	74.
SE	6900	53.4	54.4	59.3	71.4	73.2	73.5	74.4	74.7	74.3	75.
							•				
35	5000	54.2	55.3	59.7	72.5	74.2	74.7	75.5	75.3	75.9	76.4
SE	4500		55.7	70.5	73.2	75.0	75.5	75.3	76.6	76.7	75.
G.E.	4000	55.3	53.2	73.1	75.9	73.0	73.5	79.3	77.7	79.7	73.1
GF	3500		59.9	75.0	77.9	30.0	90.6	31.4	٩ <b>١.</b> 8	91.5	32.
GΞ	3000	59.3	72.4	77.7	80.9	33.1	33.6	94.5	34.9	34.9	45. J
			_				_		_		
SE	2500		74.5	50.1	83.4	85.7	36.2	27.2	37.6	37.5	- 7 -
3.5	2000	51.5	75.3	31.7	95.2	37.6	38.1	39.1	39.5	39.5	43.
7.95	1507		75.1	32.1	35.3	37.9	88.5	49.5	39.9	पढ़ व	70.1
GE	1500		77.5	84.0	87.3	90.3	90.9	91.3	92.3	92.4	32.
GE	1200	53.2	73.4	85.1	89.2	91.9	92.6	93.7	74.1	94.2	24.
~-	1000		7.	27. 6	22.2	01.1	22 2	95.j "	oë .	0.5	35.
SE SE	1000 900		79.1 79.2	36.0 86.2	90.3 90.5	93.2 93.5	93.9 94.2	95.3	95.4 95.8	95.5 95.9	35.
5 <u>E</u>	300		77.5	85.7	71.1	94.2	94.9	95.2	70.7	96.3	77.
35	700	54.1	79.7	37 <b>.</b> 0	91.5	94.7	95.5	95.7	97.2	97.4	97.
O E	500		79.8	87.2	91.8	95.0	95.8	97.1	<b>77.</b> 5	97.8	93.
<b>J</b>	90.7	571	1713	9102	71.47	93.0	, <b>)</b> • 0	7 ( • L	71.5	2 1 1 13	, ·•
G=	500	64.1	77.9	97.3	92.0	95.3	96.1	97.5	98.1	79.2	9H.
GE	400		79.9	37.4		95.5	96.4	97.3	93.4		33.
GE	300		79.9		92.1				98.5		99.1
G =	200		79.9	87.4		95.6				93.7	90.
GE	100		79.9	87.4		95.6	96.5	97.9 93.0	98.6	98.7	ģ9.
							- <b>-</b> ·				
GF	000	64.2	79.9	37.4	92.1	95.5	96.5	99.)	93.6	78.7	99.
								• • • • •			

TOTAL NUMBER OF OBSERVATIONS 7440

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

-----

LAVO AFE	3 LA				OF RECO		JV 78 -	UCT S8			
<b>)</b>							· • • • • • • •			• • • • •	
VISIBILI											
ĞΕ	SE	G.F.	GF	GĒ	SE	GE	SE	GE	GE	G€	
2 1/2		1 1/2	1 1/4	11	3/4	5/3	1/2	3/3	1/4	)	
<b>,</b>	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
55.5	55•1	56.3	55.3	56.5	56.5	55.6	56.7	56.7	56.7	56.7	
54.5	55.2	55.5	55.5	55.7	65.8	65.3	55.9	65.3	65.9	65.9	
54.3	5° • 4	55.6	55.7	55 • s	65.9	65.9	55.1	66.1	56.1	55.1	
54.3	55.4	55.6	55.7	55.8	55.9	55.9	55.1	66.1	55.1	65.1	
55.3	55.9	55.1	56.2	55.3	55.4	55.4	56.6	66.5	55.5	56.6	
65.3	55.9	67.2	67.2	67.3	67.4	67.5	67.6	67.6	57.6	57.5	
73.3	77.5	70.9	70.9	71.1	71.2	71.2	71.4	71.4	71.4	71.4	
70.4	71.1	71.4	71.4	71.5	71.7	71.7	71.7	71.9	71.9	71.9	
72.5	73.3	73.6	73.5	73.9	73.9	73.9	74.1	74.1	74.1	74.1	
73.3	74.1	74.4	74.4	74.5	74.7	74.7	74.9	74.9	74.9	74.9	
73.5	74.4	74.7	74.3	75.0	75.1	75.1	75.3	75.3	75.3	75.3	
74.7	<b>7</b> 5.5	75.3	75.9	76.1	75.2	76.2	76.3	76.3	76.4	76.4	
15.5	75.3	76.6	76.7	76.9	77.0	77.0	77.2	77.2	77.2	77.2	
73.5	79.3	77.7	79.7	73.3	30.0	30.0	53.2	30.2	50.2	33.2	
90.5	31.4	91.8	81.3	82.0	82.2	32.2	32.3	82.3	32.3	92.3	
93.6	94.5	34.9	34.9	35.2	35.3	35.3	35.5	35.5	95.5	35.5	
37. 3	27.2	3 <del>3</del> * = 7 *	ngg vin		0.50 5000	1818 8 T	**************************************	00.0			
36.2	27.2	37.6	37.5	37.9	88.0	38.0	38.2	88.2	8경•2	33.2	
38.1 88.5	39.1 99.5	89.5	39.5 99.9	99.3	89.9 90.3	90.3	90.1	$\frac{90.1}{90.5}$	90.1	90.1	. <del> </del>
90.9	91.9	92.3	92.4	92.5	92.8	92.8	90.5	92.9	92.9	92.9	
92.6	93.7	94.1	94.2	74.4	94.5	94.5	94 <b>.7</b>	94.7	94.7	34.7	
72.0	7341	74.1	7764	77.7	740.1	7707	7701	7741	7701	7	
93.9	95.0	95.4	95.5	95.3	95.9	95.9	95.1	95.1	96.1	9ò.1	
94.2	95.3	95.8	95.9	96.1	96.3	96.3	96.4	36.4	96.4	95.4	
74.7	75.2	76.7	96.3	97.0	97.2	97.2	97.3	97.3	97.4	97.4	
95.5	95.7	97.2	97.4	97.5	97 <b>.</b> 8	<b>97.</b> 8	95.0	93.0	98.0	96.0	
95.8	97.1	<b>77.</b> 6	97.8	93.0	93.2	98.2	93.4	98.4	98.4	98.4	
24.	2.5	* "A.S. #"	· 55 'A ···	35 8	88.4	A 5 9	66.5	8518	1 <b>A</b> A	· 3.8 · · ·	
95.1	97.5	98.1	79.2	98.5	95.6	98.7	99.8	98.3	99.8	98.3 99.2	
96.4 95.5	97.3	93.4	98.5	98.5	99.0	99.0	99.2	99.2	99.4	99.4	
95.5	97.9 97.9	78.5 98.5	98.7	99.0	99.2 99.3	77.2	99.4	99.4	99.7	99.8	
96.5	97.9	98.6	98.7 98.7	99.1	99.4	99.4 99.4	49.5	99.7		100.0	
0.	, J • U	7 Li • U	712 6 7	7746	7 7 6 🔻	77 • **	7716	7747	. , • .,	10010	
96.5	93.0	93.6	78.7			39.4		99.7			

TOTAL NUMBER OF JBSERVATIONS 900

96.3

94.6

97.3

98.7

70.3

900

98.3 99.6 99.7 49.7 39

## FROM HOURLY DESCRIPTIONS FROM HOURLY DESCRIPTIONS

BAA GVA	LA						UV 78 -	OCT 88			
				MONTH:	JUN	HOURS:	00-02				
ISIBILI	TY IN	STATUTE	MILES								
SE	GĒ	GE	GE	GE	GE	GE	GE	GE	GE	GE	
2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	
77 <b>.</b> 8	78.1	78.2	73.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	· · · · · · · · · · · · · · · · · · ·
a1.3	82.1	32.2	82.2	32.3	82.4	32.4	82.4	92.4	62.4	82.4	
31.9	82.2	82.3	32.3	92.4	82.5	82.6	82.5	32.5	82.5	82.6	
32.2	62.5	32.7	82.7	92.8	82.9	32.9	82.9	82.9	82.9	32.9	
2.3	82.7	32.8	92.9	82.9	83.0	33.0	93.0	83.0	33.0	83.0	
43.0	93.4	93.5	83.6	83.7	83.8	83.8	33.8	83.8	83.8	33.8	
34.3	34.3	34.9	34.9	95.0	85.1	85.1	85.1	85.1	85.1	85.1	
35.4	85.7	96.0	96.0	86.1	86.2	36.2	85.2	86.2	85.2	86.2	
37.5	85.0	88.1	38.1	83.2	83.3	88.3	83.3	88.3	83.3	86.3	
57.5	98.0	33.1	33.1	88.2	33.3	83.3	38.3	88.3	88.3	38.3	
₹7.6	83.0	88.1	88.1	88.2	33.3	88.3	83.3	88.3	88.3	88.3	
39.1	59.5	39.7	39.7	99.8	89.9	39.9	87.9	39.9	59.9	39.9	
39.4	89.9	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	
71.3	91.3	91.9	91.9	72.0	92.1	92.1	92.1	92.1	92.1	92.1	
91.7	92.1	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	
33.7	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	
) 94.5	95.0	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	
45.0	95.4	95.6	95.6	95.7	95.8	95.8	95.9	95.8	95.8	95.8	
75.I	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	
75.9	96.4	95.5	96.6	96.7	96.8	96.8	96.8	96.3	96.8	96.9	
75.3	97.0	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	
77.1	97.6	97.9	37.9	98.3	98.1	98.1	93.1	93.1	98.1	98.1	
77.2	93.0	98.1	98.1	98.2	98.3	98.3	93.3	98.3	98.3	98.3	
77.5	95.3	98.4	98.4	98.6	98.7	98.7	93.7	98.7	93.7	98.7	
ୀଳ • 1	98.9	<b>39.</b> 0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
93.4	99.2	99.3	99.3	99.4	99.6	99.6	99.5	99.5	99.6	99.6	
13.5	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
36.3	91.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
98.8	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
78.9	97.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
વસુ. ક	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
93.3	99.6	99.7	99.7				100.0			100.3	
		• • • • • •		• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	••••	

	ING LOCAT				PERCE	NTAGE FR		Y OF OCC HOURLY		
STATIO	N NUMBER:	747540				LAND AFB	LA			PERI
				TO UTC:	7 0		<del></del>			MONT
0.000	• • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	•••••	VISIBILI	* * * * * * * * * * * * * * * * * * *	 C T . T!!T!!	MILEC	• • • • •
CEILIN						GE				ے ہے۔ ۔۔۔۔۔
IN	GE	GE	GE	GE	GE		GE	GE	GE	GE
FEST	7	5	5	4	3	2 1/2	2	1 1/2		1
• • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • •
NO CET	30.1	43.0	52.6	59.0	63.6	54.9	55.2	66.3	66.7	67.
GE 200	00 31.7	45.2	55.9	63.8	53.8	70.1	71.4	71.7	72.0	72.
GE 130		45.3	57.0	63.9	63.9	70.2	71.5	71.8	72.1	72.
GE 150		45.3	57.4	64.3	69.3	70.7	72.0		72.6	73.
GE 1400		45.1	57.3	64.7	59.7	71.0	72.3	72.5	72.9	73.
GE 120		46.8	58.7	65.7	70.7	72.2	73.7	74.0	74.4	75.
02 12.0	00 020				, , , ,					,
GE 1000	on 33 <b>.</b> 2 <sup>™</sup>	43.0	50.3	67.3	72.3	73.9	75.4	75.8	76.2	75.
GE 90		43.0	60.4	67.8	73.0	74.6	75.2	76.6	77.0	77.
3E 90		50.0	52.7	70.0	75.4	77.0	73.3	79.2	77.7	33.
GE 70		50.0	62.7	70.0	75.4	77.0	78.9	79.2	79.7	30.
GE 50		50.2	62.9	70.2	75.7	77.2	79.0	79.4	79.9	90.
			• •							
GE 500	00 34.9	51.0	54.1	71.6	77.0	78.5	80.3	30.8	81.2	51.
GE 45		51.5	64.7	72.2	77.7	79.2	81.0	31.4	81.9	82.
SE 400		52.1	55.4	73.1	73.5	80.1	51.9	82.3	\$2.8	33.
GE 35		52.2	65.8	73.4	78.9	80.4	92.2	32.7	83.1	83.
GE 306		53.5	57.7	75.6	31.3	32.9	84.5	35.2	35.7	35.
GE 25	00 36.3	54.2	58.5	75.4	82.6	84.2	35.2	85.7	37.1	5 <b>7.</b>
GE 200		54.7	69.0	76.9	83.0	84.8	96.3	97.2	37.7	83.
हर 18		54.7	59.0	76.9	83.0	34.3	85.3	37.2	37.7	<b>उ</b> च •
GE 158	00 33.1	55.9	70.3	78.2	84.4	86.3	28.4	88.9	89.3	90.
GE 120	00 39.7	56.9	71.4	79.3	85.6	87.7	89.3	90.2	90.7	91.
GE 100	ბბ 3₅.მ	57.7	72.6	80.5	86.9	89.0	91.1	91.6	92.0	92.
SE 9	00 39.0	58.1	73.1	81.1	87.7	89.8	92.2	92.7	93.1	93.
GE 30	00 39.2	56.4	73.7	81.9	38.6	90.9	93.4	93.9	94.3	95.
GE 70	00 39.4	58.8	74.4	83.0	99.8	92.2	94.3	95.2	95.7	95.
	00 39.7		74.3	93.3	90.1	92.5	95.1	95.6	95.0	96.
					•					
GE 57	00 39.7	59.3	75.1	83.9	95.8	93.2	95.9	96.3	75.8	97.
	00 39.9	59.6	75.7	84.5	91.4	94.0	96.3	97.2	97.7	98.
	00 39.9	59.6	75.7	84.5	91.4	94.0	95.9	97.3	97.5	95.
	00 39.9	59.5	75.7	84.6	91.6	94.1	97.1	97.6	98.0	99.
GE Î	39.9	59.5	75.7	84.5	91.6	94.1	97.1	97.5	98.0	9.
GE Ö	00 39.9	59.6	75.7	84.5	91.6	94.1	97.1	97.6	99.0	9.

TOTAL NUMBER OF OBSERVATIONS 900

## FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

458	LA	<del></del>			OF REC			OCT 88			<del></del>
		·		HINON:	JUN I	HOURS:	03-05				
0 0 0 0 D T 1 T	 TV TN	STATUTE	MILEC	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	
r CILI	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	·- · -— - · · · ·
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/3	1/4	ō	
		• • • • • • •		•••••			• • • • • •				
•											
• ၁	55.2	66.3	66.7	67.2	67.3	67.3	67.3	67.3	57.3	67.3	
	<u></u>										
. 1	71.4	71.7	72.0 72.1	72.5 72.7	72.7 72.8	72.7 72.3	72.7 72.8	72.7 72.8	72.7 72.5	72.7 72.8	
: <sup>2</sup> -	71.5	71.8	72.6	73.1	73.2	73.2	73.2	73.2	73.2	73.2	
. 0	72.3	72.6	72.9	73.4	73.5	73.6	73.6	73.6	73.6	73.6	
ž	73.7	74.0	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	
• •.	• • •		• • • •	.,,		, , , ,	,,,,,	, , , ,	,,,,,		
• 3	75.4	75.8	76.2	75.9	77.0	77.0	77.0	77.0	77.0	77.0	
• 5	75.2	76.6	77.0	77.7	77.8	77.8	77.8	77.8	77.8	77.3	
• 5	73.3	79.2	79.7	30.3	80.4	80.4	80.4	30.4	80.4	80.4	
С.	73.8	79.2	79.7	30.3	30.4	80.4	30.4	80.4	80.4	30.4	
٠ ک	79.0	79.4	79.9	80.6	30.7	30.7	80.7	80.7	80.7	80.7	
		30.0	01 3	61 0	- 03 0	0.5			- a 3 A	55.0	
• 3 • 2	80.3 81.0	30.3 31.4	81.2 81.9	51.9 82.5	82.0 82.7	82.0 32.7	82.0 82.7	82.0 82.7	82.0 82.7	32.0 32.7	
. i	81.9	82.3	32.8	83.4	83.6	83.6	83.6	83.6	83.6	83.6	
. 4	92.2	82.7	83.1	83.3	33.9	93.9	83.9	83.9	83.9	83.9	
,	34.5	35.2	35.7	35.3	36.4	36.4	85.4	36.4	86.4	35.4	
• 2	55.2	85.7	37.1	87.3	87.9	87.9	87.9	87.9	87.9	87.9	
• B	96.3	97.2	87.7	89.3	38.4	88.4	88.4	38.4	88.4	88.4	
• 3	85.3	37.2	37.7	55.3	88.4	88.4	88.4	83.4	38.4	89.4	
• 3	88.4	88.9	89.3	90.0	90.1	90.1	90.1	90.1	90.1	90.1	
. 7	89.3	90.2	90.7	91.3	91.4	21.4	91.4	91.4	91.4	91.4	
. 3	91.1	91.6	92.0	92.7	92.8	92.8	92.8	92.8	92.8	92.8	
. 9	92.2	92.7	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	
. <del>.</del>	93.4	93.9	94.3	95.0	95.1	95.1	95.1	95.1	95.1	95.1	
2	94.3	95.2	95.7	96.3	96.4	96.4	96.4	96.4	96.4	96.4	
. 5	95.1	95.6	96.0	96.7	96.8	95.8	96.3	95.8	96.8	96.3	
								,			
• 2		96.3		97.4	97.6	97.6	97.7	97.7			
.0	96.3	97.2	97.7	98.4	98.6	98.6	98.7	98.7	98.7	98.7	
. 7	75.7	97.3	97.8	98.7	98.8	98.8	99.0	99.0	99.1	99.2	
. 1 . 1	97.1 97.1	97.6 97.6	98.0 98.0	99.0	99.2	99.2	99.6	99.5	99.7	99.8	
. 1	7101	71.0	70 • U	プラ・リ	99.2	99.2	99.7	99.7	99.8	99.9	
. 1	97.1	97.6	99.0	99.0	99.3	99.3	99.8	99.8	99.9	100.0	
		• • • • • • •				. • -					

0 - 2 - 47

			ILLE NC		.   .   .   .   .   .   .   .   .	PERCE	NTAGE FR		Y DE DOO HOURLY		
ST	ATION N	IJMBER:	747540		AN ACT		LAND 4=B	LA			PERI.
				L 31	10 010			• • • • • •		• • • • •	••••
CE	ILING						VISIBILI			MILES	
	IN	GE	GE	GE	GE	GE	GE	\$E	GE	GF	ĞĘ
F	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
• •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •			• • • • • • •	• • • • • •		• • • • •	• • • • •
NO	CEIL	17.6	31.4	39.4	45.9	51.8	53.8	54.9	55.4	55.4	55.
G E	20000	19.3	34.7	43.9	51.4	58.1	60.2	61.7	62.3	52.3	52.
GE	18000	19.3	34.9	44.1	51.8	53.4	60.5	62.0	52.7	62.7	52.
	16000	19.4	35.0	44.3	52.0	53.7	60.3	62.2	52.9	62.9	53.
	14000	19.8	35.4	44.9	52.6	59.2	61.3	52.8	53.4	63.4	63.
GË	12000	20.2	36.3	45.8	53.8	50.6	52.9	54.4	55.2	65.3	65.
GE	10000	21.1	33.2	48.4	56.6	53.4	65.3	57.3	63.1	63.2	63.
G =	9000	21.2	38.8	49.3	57.5	54.8	57.1	68.7	69.4	59.5	<b>69.</b>
G C	5000	22.2	40.7	52.4	61.0	68.8	71.2	72.9	73.8	73.9	74.
G€	7000	22.3	40.9	52.7	61.2	69.0	71.4	73.1	74.3	74.1	74.
G E	6000	22.4	41.0	52.9	61.6	69.3	71.8	73.4	74.3	74.4	74.
GF	5000	22.5	41.3	53.8	52.4	70.3	72.5	74.5	75.4	75.5	75.
SE	4500	22.7	41.9	54.3	53.0	70.9	73.3	75.2	76.1	76.2	75.
G.	4000	22.8	42.1	54.3	53.6	71.8	74.2	75.2	77.1	77.2	77.
GE	3500	22.9	42.3	55.5	64.6	72.8	75.2	77.2	78.1	78.2	73•
GE	3000	23.1	43.3	56.4	65.9	74.6	77.1	79.2	30.1	80.2	90.
ĠĖ	2500	23.4	43.9	57.1	56.8	75.4	78.3	90.1	31.0	81.1	81.
GE	2000	24.1	45.2	58.9	68.7	77.3	80.0	82.2	83.2	33.3	83.
GE	1800	24.3	45.7	59.3	59.1	77.3	80.4	82.7	83.9	94.0	34.
GĒ	1500	25.4	47.2	61.2	71.2	79.9	92.6	84.8	86.0	86.1	86.
GΞ	1200	25.1	48.5	63.4	73.7	82.4	95.2	37.5	88.8	88.9	89.
ĠΞ	1000	25.3	49.9		75.3		87.1	89.7	90.9	71.0	
G€	300	25.3	50.1	65.4	76.0	85.0	98.0	93.5	91.9	92.0	92.
GĒ	800	26.4	50.4	66.0	77.1	36.4	39.4	92.0	93.3	93.4	93.
GE	700	26.4	51.0	66.5	78.0	87.3	90.3	93.0	94.4	94.6	94.
GE	500	26.4	51.1	67.1	79.0	89.3	91.3	94.1	95.6	95.7	95.
" ĞF	500	25.4	51.2	67.2	79.1	89.7	91.8	94.3	96.2	96.4	·-36•
GE	400	26.4	51.2	57.3	79.4	89.2	92.3	95.4	97.0	37.2	97.
GE	300	26.4	51.2	67.3	79.4	89.2	92.3	95.6	97.1	97.3	98.
GE	200	26.4	51.2	67.3	79.4	89.2	92.3	95.6	97.1	97.3	99.
GĒ	100	26.4	51.2	67.3	79.4	89.2	92.3	95.6	97.1	97.3	98.
GE	000	25.4	51.2	67.3	79.4	89.2	92.3	95.6	97.1	77.3	73.

TOTAL NUMBER OF DESERVATIONS 900

# GE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

4=8	LA			DESIDO	OF RECO	RD: N	JV 78 -	OCT 88		
		·		MONTH:	JUN 1	HOURS:	06-08			
, ) T : T	• • • • • • • • • • • • • • • • • • •	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
TET	GE SE	GE		GE	GE	GE	GE	ĞE	GE	GE
1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		1 1/2		• • • • • •			• • • • • •			
. B	54.9	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.9	55.9
• 2	61.7	62.3	62.3	52.5	62.6	62.6	62.7	62.7	52.9	62.3
. 5	62.0	52.7	62.7	52.9	52.9	52.9	63.0	53.0	63.2	63.2
• 3	62.2	52.9	62.9	53.1	63.1	63.1	63.2	63.2	63.4	63.4
. 3	52.8	53.4	63.4	63.7	53.7	63.7	63.8	63.9	64.0	64.0
• 9	54.4	55.2	65.3	65.6	65.6	65.6	65.7	65.7	65.9	65.9
.1	57.3	58.1	63.2	68.4	63.4	68.4	68.6	63.5	68.8	65.8
. 3 . 1	57.3 63.7	58•1 69•4	69.6	69.9	69.9	69.9	70.0	70.0	70.2	70.2
. 2	72.9	73.8	73.9	74.2	74.2	74.2	74.3	74.3	74.6	74.6
.4	73.1	74.0	74.1	74.4	74.4	74.4	74.6	74.5	74.8	74.8
3	73.4	74.3	74.4	74.8	74.8	74.8	74.9	74.9	75.1	75.1
• ,	13.4	14.7	1747	1467	14.0	14.0	1747			
	74.5	75.4	75.5	75.9	75.9	75.9	76.0	76.0	76.2	75.2
. 3	75.2	76.1	76.2	75.5	76.5	76.6	75.7	76.7	75.9	76.9
.2	75.2	77.1	77.2	77.6	77.6	77.6	77.7	77.7	77.9	77.9
. 3	77.2	78.1	78.2	78.6	78.5	73.6	78.7	78.7	78.9	7E.9
. 1	79.2	90.1	80.2	80.6	90.6	80.6	80.7	80.7	80.9	80.9
. 0 . 0	90.1	31.0	81.1	91.4	81.4	81.4	81.5	81.6	81.8	81.8
• 0	82.2	83.2	33.3	83.7	83.7	83.7	83.8	83.8	84.0	84.0
• 4	82.7	83.9	94.0	34.3	84.3	84.3	84.4	84.4	84.7	54.7
• 5	94.8	86.0	86.1	86.4	96.4	95.4	36.6	86.6	85.8	86.8
• 2	37.5	88.8	88.9	89.2	89.2	39.2	99.3	89.3	89.5	39.6
	·						<del></del>			
• i	39.7		71.0	91.3	91.3	91.3	91.4	91.4	91.7	91.7
• <u>)</u>	90.5	91.9	72.0	92.3	92.4	92.4	92.6 94.0	92.6	92.8	92.8 94.2
. 4	92.0	93.3	93.4	94.9	95.0	95.0	95.1	95.1	95.3	95.3
• 3	94.1	95.6	95.7	96.0	96.2	95.2	96.3	95.3	96.6	96.5
• •	7701	7.24'3	7361	7 <b>0 •</b> 0	, U • Z	/ J • Z	7000	7009	75.0	<b>70 1 9</b>
• 3	94.3	96.2	96.4	96.9	97.1	97.1	97.3	91.4	97.7	97.7
• 3	95.4	97.0	97.2	97.9	98.1	98.1	93.3	98.4	98.7	98.7
. 1	95.6	97.1	97.3	98.1	98.6	98.6	98.8	98.9	99.2	99.2
. 3	95.6	97.1	97.3	98.1	99.7	98.8	99.1	99.4	99.8	99.8
. 3	95.6	97.1	97.3	98.2	98.8		99.2	99.6	99.9	99.9
• 3	95.6	97.1	77.3	98.2	93.8	98.9	99.2	99.6	99.9	103.0
			• • • • • •			• • • • • •		• • • • • • •		• • • • •

 OPERATING USAFETAC:					PERCE	NTAGE FR		Y OF OCC HOURLY		
STATION N	IJMBER:	747540		TION NA		LAND AFE	LA			PER I
CETITNO	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	* * * * * * * * *	* * * * * *		411.55	• • • • •
CEILING	·		3E	SE	GE	VISIBILI SE	GE	GE	MILES	 G 5
IN FEET	GE 7	GE - 6	5	3 € 4	3	2 1/2	2	1 1/2	1 1/4	1
 ! b: u. !	••••	• • • • • • •		• • • • • •	• • • • • •		•••••		1 1/4	••••
		· · · · · · · · · · · · · · · · · · ·		··· <del></del>		<u> </u>	=			···
NO CEIL	38.9	52.3	55.6	56.8	57.0	57.0	57.0	57.0	57.0	57.
 GE 20000	45.1	51.3	54.4	65.7	65.9	55.9	65.9	65.9	65.9	55.
GE 18000	46.2	61.4	54.9	66.1	66.3	66.3	66.3	66.3	56.3	66.
 GE 16000	46.2	61.4	64.9	65.1	66.3	66.3	65.3	55.3	56.3	55.
GE 14000	46.7	52.0	65.4	66.7	67.1	57.1	57.1	67.1	67.1	<b>67</b> .
GE 12000	43.2	64.1	67.7	68.9	69.3	69.3	69.3	59.3	69.3	69.
SE 10000	49.3	50.3	70.1	71.4	71.9	71.9	71.9	71.9	71.9	<sub>71</sub> .
GE 9000	50.3	67 <b>.</b> 1	70.9	72.4	73.0	73.0	73.0	73.0	73.0	73.
 SE 3000	52.2	70.3	74.3	75.1	75.7	76.7	75.7	76.7	75.7	75.
GE 7000	52.4	70.7	74.8	76.6	77.1	77.1	77.1	77.1	77.1	77.
GE 6000	52.4	70.3	74.9	76.7	77.2	77.2	77.2	77.2	77.2	- ',' <b>.</b>
00 0000	2244	• W • W	7 , 4 ,	,,,,	,,,,		* , • 2	7 * * *		.,,
GE 5000	52.3	71.3	75.6	77.3	77.9	77.9	77.9	77.9	77.9	77.
 GE 4500	52.9	71.8	76.2	78.0	78.6	78,6	73.6	73.6	78.5	73.
GE 4000	53.9	73.6	73.1	79.9	30.4	80.4	90.4	30.4	90.4	۹0.
GE 3500	55.4	75.7	80.3	82.1	82.7	82.7	82.7	32.7	32.7	32
GE 3000	53.1	79.7	84.9	86.9	87.8	87.8	87.3	97.3	97.8	37.
GE 2500	59.3	91.5	36.9	88.9	89.9	99.9	39.9	39.9	39.9	- · 99.
GE 2000	61.9	84.3	89.8	91.3	92.3	92.3	92.3	92.8	92.8	92.
 SE 1800	52.0	34.7	90.1	92.1	93.1	93.1	93.1	93.1	93.1	93.
GE 1500	63.1	86.7	92.3	94.4	95.6	95.6	95.6	95.6	95.6	95.
GE 1200	53.9	38.1	94.2	96.3	97.4	97.4	97.4	77.4	97.4	97
 GE 1000	64.3	88.9	95.2	97.3	98.4	98.4	98.6	98.5	98.5	98,
GE 900	64.3	98.9	95.3	97.4	98.5	98.5	93.7	98.7	98.7	98.
 GE 800	64.3	84.9	95.3	97.7	98.8	98.3	99.0	99.1	<del>- 99.1</del>	39
GE 700	54.3	89.0	95.4	97.8	99.0	99.0	99.3	99.4	99.4	99.
GE 600	54.3	39.2	95.7	98.0	99.3	99.3	99.7	99.9	99.3	99
					,					
GE 500	54.3	89.2	95.8	98.1	99.4	99.4	99.3	99.9	99.9	99,
 SE 400	64.3	39.2	95.8	99.1	99.4	99.4	99.8	99.9	99.9	99.
 GE 300	64.3	89.2	95.8	78.1	99.4	99.4	99.8	99.9	99.9	39,
GE 200	64.3	89.2	95.B	98.1	99.4	99.4	99.8	99.9	99.9	99,
GE 100	64.3	89.2	95.8	98.1	99.4	99.4	99.8	99.9	99.9	99.
GF 000	64.3	39.2	95.8	98.1	99.4	99.4	99.3	99.9	99.9	79
., 000	J J	9786	/ <b>/ •</b> U	, , , ,	7 / ¶ ¬	, , • ·		,	• .	•

TOTAL NUMBER OF DESERVATIONS 900

# SE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ILI		STATUTE									
	SĘ	GE	GE	GE	GE	GE	GE	GE 3.40	GE	GE	
12	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	<u>)</u>	
• • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
. 0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	
• •	,, , , , ,	2.00		2.00	2 . • •	*					
• 9	65.9	55.9	65.9	55.9	65.9	55.9	65.9	65.9	65.9	65.9	
. 3	55.3	66.3	56.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	
• 3	65.3	55.3	56.3	66.3	66.3	66.3	66.3	66.3	65.3	65.3	
• 1	57.1	67.1	67.1	67.1	67.1	67.1	57.1	67.1	67.1	67.1	
• 3	69.3	69.3	69.3	69.3	69.3	59.3	69.3	69.3	59.3	59.3	
	71.9		71 0	71.0	71.0	71.0	71 0	71 0	71.9	71.9	
• )	73.0	71.9 73.0	71.9 73.0	71.9 73.0	71.9 73.0	71.9 73.0	71.9 73.0	71.9 73.0	73.0	73.0	
. 7	75.7	75.7	76.7	75.7	76.7	76.7	75.7	76.7	75.7	75.7	<del></del>
. 1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
• 2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
• 4	1102	1116	1112	1102	1112	1104	1142	1142	1102	1142	
. )	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
. 5	73.6	78.6	78.5	78.6	78.6	78.6	78.6	78.6	78.6	75.6	
. 4	90.4	30.4	30.4	30.4	80.4	80.4	80.4	30.4	80.4	80.4	
. 7	92.7	32.7	82.7	82.7	82.7	82.7	82.7	82.7	32.7	32.7	
• n	37.3	37.3	97.8	37.3	87.8	87.8	87.8	87.8	87.8	37.3	
							<u>-</u>				
. 9	39.9	39.9	39.9	39.9	89.9	89.9	89.9	39.9	89.9	89.9	
<u> </u>	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.3	
. I	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
. 6	95.6	95.6	95.6	95.5	95.5	95.6	95.6	95.6	95.6	95.6	
. 4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
. 4	98.6	98.6	98.5	98.5	98.6	98.6	98.6	98.6	98.6	93.6	
. 5	93.7	98.7	98.7	98.7	98.7	98.7	98.7	93.7	98.7	98.7	
. 3	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
. 0	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.5	99.6	99.6	
. 3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	·
						<u> </u>					
• 4	99.3	99.9	99.9	99.9	100.0		100.0	100.0	100.0	100.0	
. 4	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
4	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
. 4	79.8	39.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
, 4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
. <del>.</del>	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
	-	,,,,,					·=				

0 - 2 - 49

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF C USAFETAC, ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NUMBER: 747540 PERTY STATION NAME: ENGLAND AFB LA LST TO UTC: + 6 HONTH VISIBILITY IN STATUTE MILES CEILING GE GE GE GE GE GE GE IN 5 7 6 4 3 2 1/2 2 1 1/2 1 1/4 FEET 1 57.4 57.4 57.4 57.4 57.4 55.2 56.8 57.4 57.4 NO CEIL 45.0 69.1 54.3 66.8 68.4 69.1 69.1 69.1 69.1 69.1 69.1 GE 20000 57.1 58.a 69.4 69.4 69.4 69.4 69.4 59.4 69.4 SF 18000 54.7 59.4 16000 54.7 67.1 68.8 59.4 69.4 59.4 69.4 59.4 59.4 55.1 67.7 59.3 70.0 70.0 70.0 70.0 70.0 70.0 70.0 **SF 14000** 70.4 71.1 71.1 71.1 71.1 71.1 71.1 71.1 GE 12000 56.1 63.7 57.3 73.2 73.2 73.2 73.2 10000 73.2 73.2 GΞ 70.5 72.3 73.2 73.9 57.9 72.9 73.8 73.9 73.9 73.9 73.9 73.9 GF 9000 71.1 79.2 78.2 78.2 78.2 73.2 8000 61.0 74.9 77.1 78.1 73.2 78.5 SE 7000 61.3 75.2 77.4 78.4 73.6 78.5 73.6 73.6 78.5 79.0 51.5 75.7 78.9 79.0 79.0 79.0 79.0 79.3 ĞE 6000 77.9 23.3 80.2 90.3 80.3 77.0 79.2 80.3 80.3 40.3 5000 52.4 ĜĖ 62.3 80.8 8.08 30.3 30. H GF 4500 77.4 79.7 30.7 80.8 30.3 33.1 4000 54.4 79.5 31.9 32.9 83.1 33.1 33.1 83.1 33.1 GĒ 67.9 37.3 37.1 87.3 87.3 37.3 37.3 27.3 GE 3500 83.7 85.0 73.4 3000 94.8 94.8 94.3 94.8 94.3 94.4 GE 90.3 93.1 94.5 91.4 96.2 95.2 2500 74.4 96.0 96.2 96.2 95.2 96.2 GE 94.6 97.3 98.1 99.2 98.2 98.2 75.3 SE 2000 75.3 92.9 95.1 98.1 93.3 1800 75.5 78.0 93.4 98.4 98.4 97.4 93.1 96.3 98.3 76.3 98.3 99.2 99.2 GF 1500 99.1 99.1 99.2 99.2 93.9 97.1 5E 1200 99.2 99.2 99.3 99.3 79.3 99.3 97.2 98.9 76.4 74.0 99.5 99.1 99.4 99.4 99.6 99.5 99.5 GE 1000 75.4 94.2 97.4 94.3 97.6 99.6 99.7 99.7 99.7 GF 900 75.4 99.2 99.6 99.7 99.7 99.7 99.8 99.3 79.3 800 97.5 79.7 75.4 94.3 79.3 99.3 99.7 99.7 99.8 99.8 99.3 99. 3 GE 700 76.4 94.3 97.5 99.7 99.8 99.8 99. 76.4 94.3 99.3 99.7 99.3 GE 600 97.5 GE 500 76.4 94.3 97.6 99.3 99.8 99.9 99.9 99.9 99.9 T00.0 99.9 99.8 100.0 GE 400 75.4 94.3 97.6 99.3 99.8 99.9 79.9 99.9 <u> 300</u> 75.4 94.3 97.5 99.3 99.8 99.8 99.9 99.9 100.0 GE 99.9 99.9 GE 200 75.4 94.3 97.6 99.3 99.8 99.8 99.9 100.0 99.8 GE 100 75.4 74.3 97.5 99.3 99.8 99.9 99.9 99.9 T00.0 GE 000 76.4 94.3 97.6 99.3 99.8 99.8 99.9 99.9 99.9 100.1 TOTAL NUMBER OF OBSERVATIONS 900

50

0 - 2 -

(

1

1

GE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DBSERVATIONS

				MONTH:	JUN	HOURS:	12-14				
1 110	* * * * * * * * * * * * * * * * * * *	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
SILI E	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	õ	
		1 1/2	4 1/ -			44444	***	3,0		*****	
7,4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
0.1	59.1	69.1	69.1	69.1	69.1	69.1	59.1	69.1	69.1	69.1	
. 4	59.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
. 4	59.4	59.4	59.4	59.4	69.4	59.4	69.4	69.4	69.4	69.4	
0.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
						<u></u>					
1.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
• 9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
• 2	73.2	78.2	73.2	78.2	78.2	78.2	79.2	78.2	78.2	78.2	
5 • 5	73.5	73.6	78.6	78.6	78.6	73.6	78.5	78.6	73.6	78.6	
. 0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	
. 3	20.3	30.3	90.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
• • .}	83.8	80.8	30.8	30.3	80.8	80.8	80.8	80.8	80.8	80.3	
. i	33.1	83.1	83.1	83.1	93.1	33.1	83.1	83.1	83.1	63.1	
. 3	87.3	87.3	37.3	37.3	87.3	87.3	87.3	87.3	37.3	87.3	
P	94.9	94.8	94.3	94.8	94.9	94.8	94.3	94.8	94.8	94.8	
•						, , , ,	, , ,		,	, ,	
. 2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
. 1	93.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	93.2	98.2	
. 3	93.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
. 1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
• 2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
	55				- AA	88.7			00	35.	
. 6	99.6	99.5 99.7	99.6 99.7	99.5	99.6	99.6 99.7	99.6 99.7	99.5	99.6	99.6	
.7	99.8	99.7	79.7	99.7	99.7	99.7	99.7	99 <b>.7</b> 99 <b>.</b> 9	99.7	99 <b>.7</b>	
. 7	99.8	99.5	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
7	99.8	99.8	99.3	99.9	99.9	99.9	99.9	79.9	99.9	99.9	
• •	7783	7719	7763	7707	7707	7747	7767	7747	7747	1201	
۹. ۹	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
ਰ	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
<u></u>	97.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
- 8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
<b>.</b> 9 '	75 T	<del>66</del>	- 00 - 0 -	100 0	100 0		188	170	188 8	100 0	
• "	77.7	99.9		100.0	100.0	100.0	100.0			100.3	

0 - 2 - 50

OPERATING USAFETAC.					PERCEI	NTAGE FR		Y OF DCC			11
STATION	NUMBER:	747540		AN NCIT		AND AF3		<del></del>		PERIOD MONTH:	
		• • • • • • •							• • • • • •	• • • • • • •	• • •
CEILING		<u> </u>			<u> </u>	VISIBILI	TY IN	STATUTE			
IN	GE 7	6 - 6	SE 5	5 <del>L</del> 4	GE 3	GE		3E 1 1/2	GF		
			• • • • • •					1 1/2			'
NO CEIL	45.6	54.0	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.5	ſ
SE 20000	55.8	68.7	70.6	70.9	70.9	70.9	70.9	73.9	70.9	75.9	-
SE 18000	56.1	59.0	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	7
GF 16000	55.1	59.0	70.9	71.2	71.2	71.2	71.2		71.2	71.2	7
GE 14000	56.4	69.5	71.4	71.8	71.8	71.8	71.8		71.3	71.8	7
GE 12000	57.7	71.3	73.4	73.3	73.8	73.8	73.8	73.8	73.3	73.3	7
SE 10000	61.9	75.9	79.1	79.7	79.8	79.8	79.3	79.8	79.3	79.4	7
9000	62.2	77.6	79.8	30.4	80.6	30.5	83.6	30.5	30.5	30.5	, ,a
GE 8000	54.7	81.2	33.8	34.7	84.3	84.8	84.9		84.6	34.3	··· 3
GE 7000	54.7	31.4	84.0	84.9	35.0	85.0	85.0		85.0	85.0	
GE 6000	54.8	31.9	84.4	85.3	85.4	35.4	85.4	95.4	25.4	85.4	,
GE 5000	65.7	83.3	35.9	36.3	87.0	37.0	- 67. 5	37.0	37.0	37.0	
GE 4500	65.3	34.2	37.0	87.9	88.1	38.1	83.1	33.1	38.1	88.1	ς,
GE 4000	67.3	85.8	83.6	89.4	99.7		89.7				- ·
GE 3500	69.3	33.6	91.7	92.7		92.9	92.9			92.9	្
GE 3000	71.6	91.8	95.3	96.7	96.9	96.9	95.9	96.9	95.9	95.9	٠,
GF 2500	72.3	92.7	95.4	97.3	93.0	98.0	93.0	93.0	93.0	98.0	.)
SE 2000	73.1	93.5	97.3	98.7	93.9	98.9	93.9	93.9	98.9	93.9	ç,
GF 1900	73.2	93.7	97.4	98.8	99.0	99.0	99.3	99.0	99.3	99.0	_ ,
GE 1500	73.6	94.0	97.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	3
GE 1200	73.6	94.0	97.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	3
GE 1000	73.5	94.1	98.0	99.3	97.6	99.6	99.6	99.6	99.5	99.7	9
GE 900	73.5	94.1	98.1	99.4	99.7	99.7	99.7		99.7	79.3	ò
GE 800	73.6	94.1	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.9	9
GE 700	73.6	94.1	98.1	99.4	99.7	99.7	99.7		99.7	99.3	7
GE 600	73.6	74.1	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.3	9
GF 500	73.5	94.1	98.1	99.4	99.7	99.7	99.7	99.7	79.7	99.3	q
SE 400	73.5	94.1	98.1	99.6	99.8	99.8	99.9	99.8	99.8	99.9	ġ
GE 300	73.6	94.1	98.1	99.6	99.8	99.8	99.3	99.8	99.8	99.9	9
GE 200	73.6	94.1	98.1	99.6	99.8	99.8	99.8		99.8	99.9	- q
GE 100	73.6	94.1	98.1	99.6	99.3	99.8	99.3	99.8	99.3	99.9	- 9
GE	73.6	94.T	98.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	- 9
••••••											

TOTAL NUMBER OF OBSERVATIONS 900

NOY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
OM HOURLY OBSERVATIONS

			PERIOD MONTH:		ORD: N	15-17	OCT 83				
			והואטר	JUN	HUUK 3 :	19-11					
	STATUTE	MILES									
	-SE	ĞĒ	GE	GE	GĒ	ЗĒ	GE	GĒ	GE		
	1 1/2	1 1/4	<u> </u>	3/4	5/8	1/2	3/8	1/4	0	<del></del>	
•	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •		
	55.6	55.6	55.5	55.5	55.6	55.5	55.6	55.6	55.5		
	22.3	JJ • 0	22.0	2743	22.0	7 7 6 3	22.0	J J • O	,,,,,		
	75.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9		
	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2		
	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2		
	71.3	71.3	71.8	71.8	71.8	71.8	71.8	71.9	71.3		
	73.9	73.3	73.8	73.8	73.8	73.9	73.A	73.8	73.3	·	
						····	- <b>-</b>				
	79.8	79.8	79.3	79.8	79.8	79.8	79.9	79.8	79.3		
	30.6	30.5	30.5	30.5	80.5	80.5	90.6	80.6	80.6		
	34.8	84.8	34.8	34.3	34.8	84.8	84.3	84.3	84.3		
	<u> </u>	85.0	85.0	55.0	35.0	95.0	85.7	95.0	35.0		
	95.4	85.4	85.4	35.4	35.4	35.4	85.4	85.4	85.4		
	37.0	37.0	37.0	87.0	87.0	97.0	87.0	57.0	87.5	**	
	33.1	88.1	88.1	98 <b>.1</b>	88.1	83.1	88.1	55.1	88.1		
-	89.7	89.7	89.7	89.7	89.7	99.7	89.7	99.7	39.7		
	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9		
	96.9	96.9	95.9	95.9	96.9	96.9	96.9	96.9	96.9		
	93.5°	93.0	98.0	98.0	98.0	93.0	93.0	98.0	93.)		
	73.7	98.9	93.9	93.9	98.9	93.9	98.9	98.9	95.9		
	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0		
	99.3	99.3	99.3	99.3	99.3	99.3	79.3	99.3	99.3		
	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3		
	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
	99.7	99.7	77.1	99.8	99.8	99.8	99.3	99.8	99.8		
	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8			
	99.7	99.7	99.8	99.5	99.8	99.9	99.9	99.9	99.9		
	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	<del>99.9</del>		
		<del>-</del> •									
	99.7	79.7	99.3	99.8	99.8			99.9	99.9		
	94.8	99.8	99.9	99.9	99.9		100.0	100.0	100.0		
	79.5	99.8	99.9			100.0		100.0	100.0		
	99.8		99.9		99.9		100.0	100.0	100.0		
	99.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0		
	79.B	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0		
_											
									•		

n - 2 - 51

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF C FROM HOURLY DESERVATIONS

STATION	NUMBER:	74754)		TION NAM		LAND AFB	, <u>L</u>			PEPI:
CTTL TAIC	• • • • • • •	•••••		• • • • • • •	• • • • • • •	**************************************	**************************************	*********	*****	• • • • • • • • •
CEILING	c r	GE	SE	GE		VISIBILI	SE SE	STATUTE		<u> </u>
IN FEST	G 5 7	6 5		9 E 4	GE 3				GE 1 1/4	5 = 1
TEL I								1 1/2	1 1/4	
• • • • • • • •	• • • • • • •	• • • • • • • •	•••••	, • • • • •		• • • • • • •	• • • • • •	• • • • • • •	••••••	•••••
NO CEIL	50.4	59.4	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20001	52.1	74.1	75.2	75.4	75.4	75.4	75.4	76.4	76.4	75.4
SE 18000	62.3	74.3	75.4	76.7	75.7	75.7	75.7	76.7	76.7	75.7
GE 16000	62.3	74.5	75.7	76.9	76.9	76.9	75.9	76.9	75.9	75.9
GE 14000		75.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	53∙∂	76.4	79.9	79.2	79.2	79.2	79.3	79.3	79.3	79.3
38 10000		90.1	32.3	<b>33.2</b>	83.2	83.2	83.4	83.4	33.4	23.4
<u>3= 9000</u>	· · · · · · · · · · · · · · · · · · ·	30.3	33.4	33.9	83.9	93.9	94.1	34.1	34.1	34.1
GE 8000		24.7	37.7	83.2	33.2	33.2	83.4	33.4	38.4	33.4
GE 7000		35.6	88.7	39.3	89.3	89.3	49.5	99.5	39.5	39.4
GE 6000	70.9	35.8	83.9	89.6	89.6	39.6	89.₁3	39.3	89.8	89.4
35 5000	71.5	37.2	90.6	91.2	91.2	91.2	91.4	91.4	91.4	91.4
GE 4500		37.5	€1.0	91.7	91.7	91.7	91.9	91.9	91.9	91.9
SE 4000		39.9	93.7	94.3	94.4	94.4	94.7	94.7	94.7	94.7
GF <b>350</b> 0		90.9	94.9	95.5	95.7	95.8	96.0	95.0	96.0	95.1
0008 20		92.0	96.3	97.0	97.2	97.3	97.5	97.5	97.6	97.
GE 2500	75.1	72.7	97.0	97.3	98.2	98.3	93.6	98.6	98.5	93.5
GE 2000		93.2	97.6	98.3	98.8	98.9	97.1	99.1	99.1	99.1
SE 1900		93.2	97.5	98.3	93.8	98.9	99.1	99.2	99.2	79.2
GE 1500		93.3	97.7	98.4	93.9	99.0	99.2	99.3	99.3	99.3
GE 1200		93.3	97.7	98.4	98.9	99.0	99.2	99.4	99.4	99.4
GE 1000	75.9	93.6	97.9	98.7	99.2	99.3	99.6	99.8	99.8°	99 <b>.</b> 4
GE 900		93.5	47.9	98.7	99.2	99.3	91.6	99.8	99.6	99.5
GF 800		93.5	97.9	78.7	99.2	99.3	99.5	99.8	99.8	79.5
GE 700		93.6	97.9	98.7	99.2	99.3	99.5	99.8	99.8	99.3
SE 600		93.6	97.9	98.7	99.2	99.3	79.6	99.8	99.8	99.R
GE 500		73.6	97.9	98.7	99.2			99.5		. 39. à
SE 400		93.7	98.0	98.8	99.3	99.4	93.7	100.0	100.0	100.0
GF 300		93.7		98.3	99.3	99.4	93.7	100.0	100.0	100.0
GE 200	75.9	93.7		98.8	99.3			100.0		100.0
GE 100		93.7	98.0	98.8	99.3	99.4	99.7			100.0
SE 000	75.9	93.7	98.0	98.8	99.3	99.4	99.7	100.0	100.0	100.0
• • • • • • •	• • • • • • •			• • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • •

AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

O AF	3 L4			CCIR39		ORD: N		ीटा हत			
		· · · · · · · ·	• • • • • •	76. N 1 7 •	304	******	14-20	• • • • • •	• • • • • •	• • • • •	
		STATUTE				a r-					
St	3€	SE	GE	SE	GE	GE	GE.	GE	GE	GE	
1/2		1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	<u> </u>	
• • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
1.2	51.2	51.2	61.2	61.2	51.2	51.2	51.2	61.2	51.2	61.2	
3.+	75.4	76.4	75.4	75.4	76.4	76.4	75.4	70.4	76.4	76.4	
5.7	75.7	76.7	76.7	75.7	76.7	76.7	75.7	76.7	76.7	75.7	
9.9	75.7	76.9	75.9	75.9	70.9	76.9	75.9	75.9	76.9	76.)	
7.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
7.2	77.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	
		•	• • • •						. , • 3		
3.2	33.4	93.4	33.4	43.4	33.4	33.4	53.4	33.4	33.4	53.4	
3. →	94.1	34.1	34.1	44.I	84.1	34.1	34.1	34.1	84.1	54.1	
`.2	59.4	33.4	39.4	33.4	35.4	33.4	93.4	83.4	33.4	35.4	
3.3	49.5	39.5	39.5	29.6	87.5	39.5	39.6	89.6	39.5	39.6	
	46.3	39.3	49.A	89.3	89.8	39.8	89.8	39.8	89.3	49.3	
•	•	<del>.</del> .	• •		. , • .,	• •	• •	- / • ./	# <b>/ •</b> /	. •	
1.2	71.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	21.4	
1.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
4	94.7	74.7	74.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
5 . 3	96.)	75.0	96.0	95.0	96.0	95.0	25.0	95.0	76.0	95.0	
7 <b>.</b> 3	27.5	97.5	97.6	97.5	97.5	97.5	97.6	97.5	97.5	9 <b>7.</b> 6	
• •		., • .	/ T # 19	. 1 • 3	21 • 1	77.0	/ I W ()	7 T T 3	.,.,	7109	
3	94.5	29.6	98.5	93.6	98.6	93.5	93.6	93.5	98.6	95.5	
( )	0).1	49.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
	99.1	79.2	79.2	79.2	99.2	<del>99</del> .2	99.2	99.2	99.2	99.2	-
9.0	99.2	22.3	99.3	90.3	99.3	99.3	97.3	99.3	9.3	99.3	
).n	99.2	99.4	99.4	99.4	99.4	99.4	93.4	99.4	99.4	39.4	
, •	. 1 • 4.		7 2 <b>T</b>	// • <del>-</del>		<i>12</i> € 7	7.2 • 4	· / • *	· / • ·	2 2 <b>4</b> 7	
ز , (	91.5	99.5	39.8	49.9	99.3	99.9	99.8	99.3	99.3	99.3	
1.3	97.5	99.3	99.8	99.5	99.3	99.5	99.3	99.3	99.3	99.8	
3	49.5	37.2		79.5	<del>69 6</del> -	- 99 A	00.5	99.3	99.3	99.3	
9.3	90.5	99.9	99.B	99.3	99.8	99.9	99.6	99.8	99.3	99.8	
9 <b>.</b> 3	79.5	99.4	99•8	99 B	99.3	99.8	99.3	99.9	99.3	99.9	
· • .)		7.7.	<b>7.7 €</b> €1	77 <b>(</b> 1)	7 7 6 7	7 7 4 ()	, , • J	,,•,	6.7.4 M	× × • ·	
1.3	91.5	99.5	99.3	39.3	99.8	99.3	99.8	92.8	99.8	99.3	
1.4	9).7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
9.4	99.7	130.3	130.0	100.0	100.0	100.5	103.0	100.5	100.0	103.3	
9.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
7.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.5	100.0	100.5	
, • <del>-</del>		TOOFO	100.0	10000	10000	100.0	10000	10010	10010	100.0	
9.4	93,7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
• •											

PERCENTAGE FREQUENCY OF OCCURRENCE OF OPERATING LOCATION "A" FROM HOURLY DUSERVATIO USAFETAC, ASHEVILLE NO STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA LST TO UTC: + 6 MON VISIBILITY IN STATUTE MILES CEILING ĞĒ GÉ SE GĒ GE 33 GE IN FEST 4 3 2 1/2 2 1 1/2 1 1/4 6 5 77.1 77.1 77.1 77.1 77.1 77.1 7: NO CETE 52.3 72.2 76.1 84.3 GE 20000 67.3 79.0 53.3 34.3 84.3 34.3 84.3 34.3 31 84.4 79.1 84.4 84.4 34.4 34.4 34 GE 19000 67.9 83.4 34.4 34.3 GE 15000 79.4 84.3 84.8 34.8 84.3 34.€ AL 68.1 33.3 35.4 ۽ ۾ 35.4 95.4 85.4 68.8 35.4 GE 14000 20.1 94.4 85.4 95.7 9 26.7 GE 12000 69.4 31.0 85.4 36.6 86.6 86.6 35.7 39.0 39.3 GF 71.5 33.9 88. 3 33.0 10000 43.3 37.3 38.7 GE 34.5 90.2 90.2 20 9000 72.7 39.0 90.1 90.1 90.1 43.2 72.3 35 91.7 92.9 92.9 92.9 9: 3000 74.7 97.1 92.3 92.3 93.1 9: 91.9 93.0 93.0 **93.0** 93.1 93.1 GE 7000 75.0 27.3 93.2 93.1 93.2 9 92.0 93.1 93.1 93.2 6000 75.1 37.4 75.4 93.0 95 5000 94.1 94.1 94.1 34.2 94.2 94.2 71 35.1 73.3 94.4 94.6 35 4500 75.7 38.4 94.4 94.4 94.5 94.5 95.4 5 GÉ 77.2 96.7 96.7 96.7 95.5 95.9 76.3 4000 76.5 9 97.2 97.3 97.3 97.3 GE 3500 77.1 90.3 96.0 97.2 97.2 C 97.9 98.1 93.1 SE 91.3 95.6 97.8 97.9 98.1 3000 77.4 98.7 93.7 SE 2500 73.0 97.3 93.6 93.9 98.9 98.9 7 22.1 91.3 99.1 99.3 99.3 97.6 98.3 99.1 7 92.3 GE 2000 78.1 97.3 35 73.I 98.8 79.I 77.1 77.3 उग्रा 7 1300 72.3 77.5 91.3 99.3 GE 1500 78.1 37.5 98.8 99.1 99.1 97.3 99.3 7 9 1200 73.1 92.3 97.6 98.8 39.2 99.2 77.4 99.4 99.4 99.6 99.3 99.3 99.9 9 799.6 GE 1000 78.3 92.6 97.5 99.1 99.6 99.3 7 900 78.3 92.5 97.3 99.1 99.5 99.8 99.5 GE 99.6 99.5 99.3 99.3 99.3 35 800 73.3 92.6 97.3 79.T 99.6 99.8 99.8 99.1 99.5 99.8 GF 700 79.3 92.5 97.8 99.9 99.9 99.2 99.7 99.7 99.9 GE 500 73.3 92.6 97.9 99.2 99.7 99.7 77.9 79.3 99.9 • GE 500 78.3 92.5 97.9 100.0 92.5 99.2 99.7 99.7 SE 100.0 100.0 10 400 79.3 97.9 99.2 99.7 99.7 73.3 92.6 97.9 100.0 100.0  $\mathbf{T}$ 300 100.0 97.9 1 ' GE 200 78.3 99.2 93.7 99.7 100.0 100.0 100.0 92.5 78.3 97.9 99.2 99.7 99.7 100.0 100.0 100.0 100 92.6 GE 99.2 99.7 99.7 100.5 100.0 100.0 1 97.9 GE 000 78.3 92.5

TOTAL NUMBER OF OBSERVATIONS 900

## AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

NJ AF	8 L4			PERIOD MONTH:		ORD: N HOURS:		001 38	3		
SIBIL	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • •	
SE	35	GE	GE	GE	GE	GF	SĒ	GE	GE	GE	÷
2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2	3/8	1/4	9	
	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
34.3	84.3	84.3	34.3	34.3	84.3	84.3	84.3	84.3	94.3	84.3	
34.4	54.4	34.4	34.4	34.4	94.4	34.4	94.4	84.4	34.4	84.4	
34 B	94.3	34.8	34.3	84.8	34.3	84.8	84.8	84.8	84.8	84.3	
45.4	95.4	35.4	85.4	25.4	85.4	85.4	35.4	35.4	95.4	35.4	
35.6	95.7	86.7	36.7	85.7	85.7	36.7		96.7	96.7	36.7	
,		. • • •			300		,,,,,	300,	3201	30 .	
55.€	37.0	39.0	39.0	39.0	89.0	39.0	89.0	39.0	€9.0	59.0	
€0.1	40.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
25.3	35.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	**************************************
13.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
73.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
14.1	34.2	94.2	94.2	94.2		94.2	94.2	94.2	94.2	94.2	
24.4	94.5	94.6	94.6	94.5	94.6	94.6	94.6	94.6	94.6	94.0	
95.7	95.5	95.9	96.3	96.8	96.8	96.8	95.8	96.3	96.3	96.3	
97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
97.9	93.1	98.1	93.1	93.1	99.1	98.1	93.1	98.1	98.1	98.1	
23.7	99.9	48.9 T	98.9	98.9	98.9	98.9	78.9	98.9	98.9	98.9	
94.1	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
)).i	97.3	99.3	79.3	79.3	99.3	99.3	99.3	99.3	99.3	99.3	
99.1	99.3	99.3	79.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
29.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
			•	. • .	,,,,,	, , • •	,,,,,,	,,,,,	× × • •	, , <b>, , ,</b>	
99.5	99.3	99.9	99.9	99.3	77.5	99.8	99.8	99.8	99.8	99.8	
19.5	97.3	99.8	99.5	99.3	99.8	39.8	99.8	99.8	99.8	99.3	
79.5	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.3	99.8	99.9	
94.5	99.8	99.8	99.8	99.8	97.8	99.8	99.8	99.8	99.8	99.8	
79.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
22.7	57 B						22.0	* * * * * * * * * * * * * * * * * * *			
		99.9					99.9		99.9	99.9	
	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	
	103.0			130.0	100.0	100.0	100.0	100.0	100.0	100.3	
		100.0		100.0				100.0		100.0	
/ <b>/ • •</b>	10040	19010	100.0	100+0	100+0	100.0	100.0	100.0	100.0	100.0	
79.7	100.5	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	
		• • • • • • •									
				<del></del>							

0 - 2 - 53

•

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE C FROM HOURLY CASERVATI

51.	ATION	NUMBER:	747540				LAND AFB	LA			ÐĖ
				LST	יסוט פד	+ 6					<b>M</b> C
					• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • •
	ILING						AIZIBIFI				
1	ľ N	GE	3 F	GE	GΞ		GE	35	SE	GE	
F	EET	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	
							• • • • • • •				
ИJ	CEIL	43.3	54.8	59.0	61.3	62.7	53.1	53.4	63.5	63.5	6
gr	20000	47.5	52.H	67.3	70.3	71.9	72.3	72.7	72.9	72.9	7
_	18000		63.0	53.0	70.5	72.2	72.5	73.0	73.1	73.2	7
	15000		63.2	58.2	70.3	72.4	72.3	73.2	73.3	73.3	7
	14000		53.7	68.7	71.3	72.9	73.3	73.7	73.3	73.8	7
	12000		54.3	70.0	72.6	74.3	74.3	75.2	75.4	75.4	7
7.	12003	71.	<b>3 · •</b> .	13.0	1213			1246	154.	1,24,1	•
ge	10000	53.2	57.3	72.7	75.5	77.1	77.6	73.1	73.3	78.3	7
SE	9000		53.0	73.5	76.3	78.1	78.5	79.1	79.2	79.3	7
SE		autoria i a propositiva constitui in in-	70.8	76.7	79.7	81.6	82.1	82.5	92.9	32.8	
ĞĒ	7000		71.1	77.0	0.06	31.9	82.4	92.9	83.1	53.2	é
GE	6000		71.3	77.3	80.2	32.1		- ผ3.1	83.3	33.4	€
,,				*							•
ĢΕ	5000		72.3	73.5	31.5	33.4	33.9	94.4	84.5	34.7	**3
SΞ	4500		72.3	79.0	82.3	33.9	34.4	85.0	35.2	35.3	<u></u> <u></u>
SE	4000	57.5	74.3	50.7	33.3	35.8	96.3	36.3	37.0	37.1	
GE	3500		75.7	32.3	85.4	97.4	87.9	83.5	88.7	93.7	Ę
GE	3000	50.3	78.0	35.3	88.3	30.5	91.0	91.7	91.3	91.9	c
	2522			672.1	60.4	21. 3		0.5 3	A 50 1 A 1 1	A 47 11 1	
95	2500	-	79.0	36.1	89.4	91.7	92.2	92.9	93.0	93.1	4
35	5000		30.0	ਰ7.2	90.5	92.9	93.4	94.1	94.3	74.4	
GE	1800		30.1	97.3	90.7	93.0	93.6	94.3	94.5	94.5	
GE	1500		31.0	88.2	91.7	94.0	24.6	95.3	95.5	95.6	٠
GE	1200	52.7	31.5	88.9	92.4	94.8	95.4	96.1	96.4	95.5	(
SF	1000	62.9	32.0	89.5	93.1	95.6	96.2	93.9	97.2	27.3	;
ĠΕ	900		32.1	39.8	93.3	95.3	96.5	97.3	97.5	97.6	
GE	300		32.3	70.0	93.7	96.2	96.9	97.7	98.0	98.0	
GE	700		32.5	90.2	94.0	25.5	97.2	99.1	98.4	93.5	٤
SE	600		32.6	90.4	94.3	96.8	97.5	98.4	98.7	98.7	t
ĠĒ	500	63.2	32.5	90.5	94.4	97.0	97.7	93.5	93.9	99.5	
GE	400	63.2	32.7	90.6	34.5	97.2	97.9 97.9 97.9	98.9	99.2	99.3	
SE	300	63.2	32.7	90.6	94.5	97.2	97.9	93.9	99.2	79.3	1
GE	200	53.2	32.7	90.5	94.5	97.2	97.9	98.9	99.2	99.3	
GE	100	63.2	32.7	90.6	94.5	97.2	97.9	93.9	99.2	99.3	
<b>.</b>	- ما ها			A 2: 1:		2412			·· ъъ ·× ··	-88-3	
ŠE	000						97.9				
• • •							<i></i> .		, , , , , , , ,		• •

TOTAL NUMBER OF DESERVATIONS 7200

F		Y OF OCC HOURLY			ILING V	ERSUS V	ISIBILI	TY			
	- 7.57	MUURLI	SOSEKVA	111742							
FE	3 L 4	·	<del> · · ·</del>	PERIOD	OF REC	ORD: N	ਹ <b>∨ 7</b> ਰ -	JCT 88	}		<del></del>
				HONTH:	JJN HOL	JRS: ALI					
• • •	TV TN		MT1 56	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
1 L 1	3E -	STATUTE GE		GE	GE	GÉ	GE	GE	GE	GE	
12	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
• • •	-					• • • • • • •			1111	<del></del>	
1	53.4	63.5	63.5	63.7	53.7	63.7	63.7	53.7	53.7	63.7	
_	44.1=11		-								
3	72.7	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	
ر الح	73.0	73.1	73.2 73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	
3	73.7	73.3	73.8	74.0	73.5 74.0	73.5 74.0	73.5 74.0	73.5 74.0	73.5 74.0	73.5 74.0	
3	75.2	75.4	75.4	75.6	75.5	75.5	75.6	75.5	75.6	$-\frac{74.0}{75.6}$	
,	1200	1344	1217	1 7 1 13	1545	1715	1,740	13.5	13.0	7. °• U	
5	73.1	78.3	78.3	78.5	73.5	78.5	73.5	73.5	73.5	78.5	
5	79.1	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	
1	82.5	92.9	32.3	83.0	83.0	33.0	83.0	83.0	83.0	83.0	
4	92.9	93.1	83.2	83.3	33.3	83.3	83.3	93.3	83.4	83.4	
6	43.1	83.3	33.4	83.5	33.5	83.6	33.6	33.5	83.6	33.5	
_			v	-							
9	54.4	84.6	34.7	34.9	84.8	34.8	84.8	84.9	84.9	34.9	
÷	85.0	35.2	35.3	35.4	85.4	85.4	35.4	85.4	85.5	35.5	
ð 3	35.3	37.0	87.1	87.2	37.2	97.2	37.3	87.3	87.3	87.3	
? )	88.5 91.7	88.7 91.8	99.7	<u>88.9</u> 92.0	38.9 92.1	$\frac{88.9}{92.1}$	88.9 92.1	98.9 92.1	88.9 92.1	88.9 92.1	
,	71.1	74 • 13	71.07	74.9	74.1	7641	92.1	72.1	92.1	92.1	
2	92.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
4	94.1	94.3	34.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	
<del>ź</del>	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	
5	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.9	95.8	95.8	
4	76.1	96.4	95.5	96.6	96.5	96.6	96.6	96.6	96.7	96.7	
	372 1 A 1991										
2	95.9	97.2	27.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	
う カーー	97.3	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	<del></del>
ラー 2	97.7 99.1	98.0 98.4	98.5 98.5	98.2 93.6	99.3 99.7	98.3	93.3	98.3	98.3	98.3	
د 5	93.4	98.7	98.7	- <del>15.5</del>	99.0	99.7 99.0	98.7 99.0	98.7	98 <b>.7</b>	98 <b>.7</b> 99.0	
,	· → • <del>-</del>	70 • 1	70 • 1	79 <b>7</b>	77 O	7 7 <b>.</b> U	77.0	,,,U	ラブ・リ	77 • U	
7	95.5	93.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	97.3	
9	99.9	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7	
<del>.</del> —	93.9	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	
<b>ા</b>	93.9	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	99.9	
9	93.5	99.2	79.3	99.6	99.7	99.8	99.9	99.9	100.0	100.0	

93.7 99.2 99.3 99.6 99.8 99.8 99.9 99.9 100.0 100.0

7 - 2 - 54

7

)

)

)

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURPENCE C USAFETAC. ASHEVILLE NO FROM HOURLY DISERVATI STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA PF 47 LST TO UTC: + 6 CEILING VISIBILITY IN STATUTE MILES GE GE ĒΕ GE GF GE GĒ GE IN 5 7 FEET 6 3 2 1/2 2 1 1/2 NO CEIL 77.6 81.3 31.9 31.9 50.9 72.7 80.4 81.3 91.9 89.1 39.1 65.3 89.2 SE 20002 73.9 34.5 37.5 39.2 39.2 89.1 39.1 65.3 99.2 39.2 SE 18000 73.9 34.5 37.5 39.2 89.1 65.3 79.9 89.1 GE 16000 34.5 39.2 39.2 89.2 87.5 84.6 39.2 79.0 89.2 89.4 GE 14000 55.4 87.5 99.4 89.4 91.1 GE 12000 91.1 91.1 30.3 86.3 89.4 91.0 91.0 9 66.5 GE 10000 32.2 91.7 93.3 93.3 93.4 93.4 67.3 38.5 G 93.4 32.3 9000 63.0 38.5 91.8 93.4 a 93.4 93.5 93.5 73.5 82.3 63.3 39.1 92.4 8000 94.0 74.0 94.1 94.1 94.1 GE 7000 32.3 89.1 94.1 94.1 63.3 92.4 94.0 94.0 94.1 7 94.1 94.1 GE 6000 58.3 92.9 89.1 92.4 94.0 94.0 94.1 9 SE 69.4 22.9 59.2 92.5 94.2 5000 94.2 94.1 94.1 94.2 68.4 SE 4500 82.9 39.2 92.5 94.1 94.1 94.2 94.2 74.2 39.7 4000 68.7 33.3 92.9 94.5 74.5 94.5 94.6 94.6 SE 3500 58.7 39.9 94.7 94.3 94.9 33.4 93.1 94.7 94.3 GE 33.9 95.6 95.7 95.7 3000 58.9 90.5 94.0 95.6 95.7 35 63.9 95.2 75.2 2500 34.1 91.2 94.5 96.1 95.1 16.2 SE 2000 69.2 91.6 84.5 94.9 96.6 96.5 96.7 96.7 96.7 1800 69.2 34.5 91.6 94.9 96.6 96.5 95.7 95.7 96.7 35.2 97.3 GE 1500 69.8 92.3 95.6 97.3 97.4 97.4 37.4 9 97.6 GE 1200 70.1 35.5 92.5 95.9 97.6 97.7 77.7 97.7 98.2 GF 1000 70.5 36.0 93.1 95.5 93.2 93.3 73.3 98.3 70.5 96.6 98.3 900 GE 96.1 93.2 98.3 99.4 98.4 99.4 70.8 99.0 800 35.5 93.9 99.0 93.9 97.2 98.9 79.5 70.8 99.0 700 98.9 98.9 99.0 9 GE 86.6 93.9 97.2 99.0 70.8 36.6 97.3 99.0 99.0 99.1 GE 500 94.0 <del>99.1</del> 99.1 Ċ Gr 500 70.3 86.7 94.1 97.4 99.1 99.1 99.2 99.2 99.2 GF 400 70.3 86.7 94.3 97.5 99.4 99.4 99.5 99.5 99.5 99.5 99.5 99.6 99.5 99.6 ĞĒ 300 70.8 35.7 94.4 97.7 99.5 99.5 99.5 99.5 GE 70.3 99.6 200 36.7 94.4 97.7 99.6 94.4 97.7 99.5 99.6 ĞË 100 95.7 99.5 5.07 37.6 000 70.8 86.7 94.4 97.7 99.5 99.5 99.6 99.6 99.5 GE

TOTAL NUMBER OF DASERVATIONS

-----

0 - 2 - 55

### ENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

GLAND AF	B LA			PERIOD MONTH:		ORD: N	DV 78 -	OCT 88	<b>,</b>		
VISIBIL	ITY IN	STATUTE	MILES		• • • • • •				•••••	• • • • •	
GE 2 1/2	GE 2 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE O	
		• • • • • • •	• • • • • •	•••••		• • • • • •	• • • • • •		•••••	• • • • • •	
31.3	91.9	81.9	81.9	81.9	51.9	81.9	31.9	31.9	81.9	31.9	
39.1	89.2	39.2	39.2	39.2	89•2	89.2	89.2	89.2	89.2	89.2	
39.1	99.2	39.2	39.2	89.2	89•2	39.2	89.2	39.2	89.2	39.2	
39.1	89.2	39.2	89.2	39.2	89.2	89.2	89.2	89.2	89.2	89.2	
39.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	39.4	
91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
73.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
74.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
34.5	94.5	94.6	94.5	94.5	94.5	94.6	94.6	94.5	94.6	94.5	
94.7	94.3	94.9	94.8	94.9	94.8	94.3	94.9	94.9	95.1	95.1	
95.5	95 <b>.7</b>	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9	
95.1	95.2	75.2	96.2	96.2	96.2	96.2	96.2	96.2	96.5	96.5	
96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	
96.5	95.7	96.7	96.7	96.7	96.7	96.7	96.7	95.7	96.9	95.9	
97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	
97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	
96.2	93.3	73.3	98.3	78.3	98.3	98.3	98.3	98.3	93.5	93.5	
98.3	95.4	98.4	98.4	98.4	98.4	98.4	95.4	98.4	98.6	98.6	
98.9	99.0	99.0	99.0	99.3	99.0	99.0	99.0	99.0	99.2	99.2	
98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	
99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	
99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2		99.5	99.5	
99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	
99.5	99.5	99.6	99.6	99.6	99.6	19.6	99.6	99.6	99.8	99.8	_ <del>_</del>
99.5	99.6	99.6	99.6	99.5	99.6	99.6	99.6	99.6	99.8	99.8	
99.5	99.6	99.6	99.6	99.5	99.6	99.6	99.6	99.6	100.0	100.0	
99.5	99.6	99.6	99.6	99.6	99.6	79.6	99.6		100.0		
• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	

	USAFÉTAC.								HJURLY	
****	STATION	NUMBER:	747540				LAND AFP	5 LA		
				L 2 1	TO UTC:	7.0				
	CEILING	11111.		/ <b>* * * * *</b> -	/ <b>* * * * *</b> = = =	) • • • • • · · ·	VISIBILI	ITY IN	STATUTE	MILES
	IN	GE-	GF	GE	GE	GE	GE	GĒ_	GE	GE
	FEET	7	5	5	4	3	2 1/2			
	* * * * * * * * * *	•••••		• • • • • •	• • • • • • •	• • • • • • •	•••••		• • • • • • •	, <del>, , , , , ,</del> , , , ,
<u>-</u>	NO CEIL	34.5	50.9	61.7	67.8	72.8	73.2	74.9	75.2	75.3
	GE 20000	37.3	55.2	65.9	73.7	79.0	79.5	81.4	31.6	31.7
	SE 18000	37.3	55.2	66.9	73.7	79.0	79.5	81.4	31.5	31.7
	GE 16000	37.3	55.2	56.9	73.7	79.0	79.5	81.4	31.6	31.7
	GE 14000	37.6	55.7	67.4	74.2	79.9	90.3	32.3	32.5	32.5
	GE 12000		56.0	63.4	75.5	81.5		84.0	34.2	34.3
	GE 10000	30 6	∈ు ష	71 6	<b>7</b> .3 5	35.4	35.5	່ ນ <b>ອ</b> ີເອີ	ာ်က ("	ാമ ഉ
	GE 10000 GE 9000		58.8 59.0	71.6 71.8	79.2 79.7		35.5 36.2	37.6 38.3	58.1 38.5	ქმ∙2 ქმ∙5
	SE 8000		50.4	73.5	31.4	85.8 87.7		93.2	99.4	90.5
	GE 7000		50.4 50.5	73.7	91.5	87.8	88•2 88•3	90.2	90.5	90.5
	GE 7000		ა∪•ე 50•5	73.9	31.3	83.2	38.5	90.5	90.9	91.0
	05 2000	40.00	39.5	1347	27.0	0000	3045	7000	7007	71.00
	GE 5000	40.5	60.3	74.0	81.9	89.3	86.7	95.3	91.0	71.1
	GE 4500		60 <b>.</b> ∄	74.0	81.9	88.3	88.7	90.3	91.0	91.1
	GE 4000		61.3	74.5	52.5	37.0	89.5	91.5		91.8
	GE 3500	41.1	51.4	74.7	82.8	89.2	89.7	91.7	91.9	92.0
	GE 3000		61.5	75.3	83.5	90.0	90.4	92.5	92.7	92.3
	GE 2500	4 1 3 °	· · · · · · · · · · · · · · · · · · ·	* 356° <b>3</b>	∵az a	33.4	90.9	92.9	<del></del>	
	GE 2500 GE 2000		51.7 51.9	75.7 75.0	84.3	90.4 90.8	91.2	92•9 93•2	73.1 93.4	93.2 93.5
to the same and the same of	GE 2000 GE 1300			75.1	34.4	90.8		93.2		
	GE 1500		52.0 52.2	76.5	84.7	91.2	91.5	93.7	93.9	94.0
	GE 1900			76.9	35.4	91.3		94.3	94.5	
	92 1650	7101	<b>∪∠</b> • ∞	(19.)	99♥ ¥	710	7600	7 7 0 2	7782	77 • 3
	GF 1000		···· 62.6	77.0	85.5	91.9	92.4	94.4		74.7
	GE 900		52.7	77.4	85.9	72.4	92.8	94.8	95.1	95.2
	SE 300		63.3	78.3	86.9	93.4	93.9	95.9	96.1	95.2
	GE 700		63.3	78.3	87.0	93.7		95.1	96.3	96.5
	GE 600	42.4	63.3	78.3	87.0	93.9	94.3	95.3	96.6	96.7
	GE 500	42.4	63.4	73.3	97.7	94.6	95.1	97.1	97.3	97.4
	GE 400		63.4	78.9	87.3	94.7	95.2	97.2	97.4	97.6
	<u> </u>		63.5	79.0	83.0	-			97.6	37.3
	GE 200		53.5	79.0	88.0		95.4		97.7	98.0
	SE 100		63.5	79.0	38.0		95.4		97.8	98.1
	SĒ 000	42.4	63.5	79.0	38.0	94.9	95.4	97.5	97.8	98.1
										• • • • • •

0 - 2 - 56

1

(

**(** 

GE FR		MOURLY			ILING VE	RSUS VI	SIBILII	ΓΥ			
) AFB	LA			PERIOD	DF REC	স্তঃ স	)√ 78 -	OCT 88			
				HONTH:		HOURS: (	) <del>3-</del> 05				= + +
13111	TY IN	STATUTE	MTIES	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	•••••	
3E	GE		GE	GE	GE	GÉ	GE	GE	GE	GE	
1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	Э	
		• • • • • • •	• • • • • •	• • • • • •					• • • • • •		,
	,										
3.2	74.9	75.2	75.3	75.9	76.0	76.0	76.3	76.3	76.3	76.3	
9.5	61.4	31.6	81.7	82.4	82.5	82.6	82.9	82.9	32.9	82.9	
7•7 7•5	31.4	31.6	31.7	32.4	82.6	82.6	82.9	82.9	82.9	82.3	
9.5	81.4	31.6	31.7	32.4	82.6	82.5	82.9	82.9	32.9	82.9	
0.3	92.3	92.5	32.6	83.2	83.4	83.4	83.8	83.8	33.8	83.8	
1.9	84.0	34.2	34.3	85.1	85.3	85.3	35.6	85.6	85.6	35.6	
5.5	37.3	38.1	38.2	33.9	89.1	39.1	89.5	89.5	89.5	37.5	
6.2	38.3	38.5	38.5	89.4	89.6	89.6	89.9	89.9	89.9	89.9	
8.2	93.2	90.4	90.5	91.3	91.5	91.5	91.8	91.8	91.8	91.8	
3.3	90.3	90.5	90.5	91.4	91.6	91.6	91.9	91.9	91.9	21.9	
3.5	90.6	90.9	91.0	91.7	91.9	91.9	92.3	92.3	92.3	92.3	
-					03.0	21 7	92.4	92.4	92.4	92.4	
5.7 9.7	90.3	91.0 91.0	71.1 91.1	91.8 91.8	92.0 92.0	92.0 92.0	92.4	92.4	92.4	92.4	
9.5	90.3	91.7	91.8	92.6	92.8	92.8	93.1	93.1	93.1	93.1	
7• 7 9•7	91.7	91.9	92.0	92.3	93.0	93.0	93.3	93.3	93.3	93.3	
3.4	72.5	92.7	92.3	93.5	93.3	93.3	94.1	94.1	94.1	94.1	
• •		, _ ,		, = 0		,		,			
).)	92.9	73.1	93.2	94.0	94.2	94.2	94.5	94.5	94.5	94.5	
1.2	93.2	93.4	93.5	94.3	94.5	94.5	94.8	94.8	94.3	94.3	
[.3	93.3	93.5	93.7	34.4	94.5	94.6	94.9	94.9	94.9	94.9	
1.6	93.7	93.9	94.0	94.7	94.9	94.9	95.3	95.3	95.3	95.3	
2.3	94.3	94.5	94.5	95.4	95.5	95.6	95.9	95.9	95.9	95.9	
							. eri igene avengel al				~
2.4	94.4	94.6	74.7	95.5	95.7	95.7	95.0	96.0	96.0	96.0	
2.9	94.8	95.1	95.2	95.9	96.1	96.1	96.5	96.5	96.5	96.5	
3.9 4.1	95.9 95.1	96.1 96.3	95.2 96.5	97.0 97.2	97.3 97.5	97.3 97.5	97.5 97.8	97.5 97.8	97.6 97.9	97.6 97.8	
4•1 4•3	95.1	96.6	96.7	97.4	97.7	97.7	98.1	98.1	98.1	98.1	
7 . 3	7734.2	70 0	70.1	7144	7141	7101	7941	70 + 1	70•1	70 · 1	
5.1	97.1	97.3	97.4	98.2	98.5	98.5	98.3	98.3	98.8	98.3	
5.2	97.2	97.4	97.6	98.4	98.7	98.7	99.0	99.0	99.0	99.0	
5.3	97.4	97.6	77.3	93.6	98.9	98.9	99.2	99.2	99.2	99.4	
5.4	97.5	97.7	98.0	93.7	99.0	99.0	99.4	99.4	99.4	99.5	
5.4	97.5	97.8	98.1	98.6	99.1	99.1	99.5	99.5	99.7	100.0	
5.4	97.6	97.8	98.1	98.8	99.1	99.1	99.5	99.5	99.7	100.0	

	-	. ASHEV							Y ADURLY		
	TATION	NJMBER:	747540		TION NAM		LAND AFB	LA			PER MON
Ċ	EILING	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	VISIBILI	TY IV	STATUTE	MILFS	• • • •
	ĪŸ	GE	GΕ	SE	GE	GE	GE	SE	GE	GF.	G
	FEST	77	6	5	4	3	2 1/2	2	1 1/2	1 1/4	
•	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • •
Ŋ	D CËTL	18.9	39.4	49.6	56.8	61.0	61.8	64.3	55.6	55.5	65
G	5 20000	22.0	42.7	53.9	52.5	67.0	68.1	70.9	72.3	72.3	73
	F 18000		42.8	54.0	52.6	67.1	68.2	71.3	72.4	72.4	73
	F 16000		42.9	54.1	52.7	67.2	68.3	71.1	72.5	72.5	73
	E 14000		43.3	54.7	63.3	68.1	69.1	71.9	73.3	73.3	74
	E 12000		44.1	55.8	65.2	70.3	71.5	74.4		75.3	<b>7</b> 5
3	5 <b>1</b> 0000	23.1	47.4	50.6	71.1	75.7	77.3	80.3	32.3	52.3	·: <b>3</b>
	F 9000		47.7	61.2	71.6	77.3	78.5	31.4	32.9	32.9	83
G	E 3000		51.3	55.3	76.2	32.2	93.3	85.2		37.7	h-3
G			51.4	55.4	76.5	92.4	83.5	85.5	38.0	<b>38.0</b>	RR
G			51.4	65.4	76.5	82.4	93.5	35.5		38.0	કૃષ્
	5 5000		51.5	65 <b>.7</b>	76.3	82.7	33.9	85.3		38.3	4
	F 4500		51.5	65.3	76.9	82.9	84.1	97.0	33.5	38.5	4 3
	= 4000		52.3	55.3	78.1	84.2	95.4	88.3		39.9	30
	E 3500		52.7	67.2	78.5	84.6	85.8	33.7	90.2	90.2	
G	Ē 3000	25.5	52.3	67.4	78.8	85.1	36.2	89.1	90.5	90.6	91
G	<u>- 2505</u>	25.5	52.5	68.0	79.4	<b>95.</b> 8	87.0	87.9	91.4	91.4	93
G	E 2000		52.3	63.0	79.4	85.8	37.0	89.9	91.4	91.4	7.2
G			52.9	53.1	79.5	85.9	37.1	99.0		31.5	7.2
G			53.5	<b>58.</b> 8	80.2	86.7	87.8	90.9	92.4	92.4	93
S	E 1200	25.7	53.8	59.5	31.0	97.5	99.7	91.7	93.?	93.2	94
Ġ			54.3	70.1	31.6	35.3	89.5	92.5		94.0	94
S		25.9	54.5	70.4	32.0	88.7	39.9	92.9	94.4	74.4	<del></del> 5
G			54.7	70.5	82.2	88.9	90.0	93.1	94.5	94.6	75
G			54.7	70.5	82.3	38.9	90.2	93.3	94.9	94.3	96
G	E 600	25.9	54.7	70.6	82.4	39.0	90.3	93.4	95.1	95.1	٥٠
Ğ		26.0	54.9	71.0	32.7	39.5	90.9	94.1	95.9	95.9	91
G		26.0	54.9	71.0	32.7	39.5	91.0	94.4	95.3	25.3	.0.1
G			54.9	71.0	82.7	89.5	91.0	94.9	96.9	97.0	9,
G			54.9	71.0	82.7	89.5	91.0	94.8	96.9	97.0	96
G	E 100	26.0	54.9	71.5	82.7	39.5	91.0	<u> 94.8</u>	96.9	97.0	" <b>9</b> €
Ġ	500	25.7	54.9	71.0	82.7	89.5	91.0	94.3	96.9	97.0	9;

TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

1311	TY IV	STATUTE	MILES	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •		•••••
GE	GE		GE	GE	GE	GĘ	GE	GE	GE	GE
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	õ
• • • •		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
1.8	54.3	65.6	65.6	66.3	65.6	66.5	66.9	66.9	67.0	67.0
ð•1	70.9	72.3	72.3	73.0	73.2	73.2	73.5	73.5		73.7
3.2	71.0	72.4	72.4	73.1	73.3	73.3	73.7	73.7	73.8	73.8
3.3	71.1	72.5	72.5	73.2	73.4	73.4	73.8	73.8	73.9	73.9
9.1	71.9	73.3	73.3	74.1	74.3	74.3	74.6	74.6	74.7	74.7
1.5	74.4	75.8	75.∂	76.7	76.9	76.9	77.2	77.2	77.3	77.3
7.3	80.3	32.3	52.3	83.1	83.3	83.3	83.7	83.7	83.8	83.3
3.5	31.4	32.9	32.9	83.8	84.0	84.0	84.3	84.3	84.4	84.4
3.3	35.2	37.7	37.7	83.6	88.8	88.3	69.1	89.1	89.2	59.2
3.5	85.5	38.0	38.0	89.9	39.0	39.0	89.4	89.4	99.5	89.5
3.5	35.5	88.0	38.0	88.3	89.C	39.0	39.4	89.4	89.5	39.5
3.7	35.3	83.3	38.3	99.1	89.4	37,4	89.7	89.7	59.3	89.8
4.1	97.0	88.5	38.5	89.4	89.6	89.6	89.9	89.9	90.0	90.0
5.4	38.3	39.8	39.3	90.8	91.0	91.0	91.3	91.3	91.4	91.4
5 a	33.7	90.2	90.2	91.2	91.4	91.4	91.7	91.7	91.8	91.3
5.2	89.1	90.5	90.6	91.5	91.8	91.8	92.2	92.2	92.3	92.3
7.0	57.9	91.4	91.4	92.4	92.6	92.6	92.9	92.9	93.0	93.0
7.0	89.9	91.4	91.4	92.4	92.6	92.6	93.0	93.0	93.1	93.1
7.1	90.0	71.5	71.5	92.5	92.7	92.7	93.1	93.1	93.2	93.2
7.8	90.9	92.4	92.4	93.3	93.5	93.5	94.0	94.0	94.1	94.1
3.7	91.7	93.2	93.2	94.2	94.4	94.4	94.9	94.8	95.1	95.1
9.5	92.5	94.0	94.0	94.9	95.2	95.2	95.5	95.6	95.8	95.3
9.7	92.4	94.4	94.4	95.4	95.6	95.6	95.0	96.0	95.2	96.2
3.5	93.1	94.5	94.6	95.7	95.9	95.9	96.3	96.3	96.6	96.6
0.2	93.3	94.9	94.9	96.0	96.2	95.2	96.7	96.7	96.9	96.9
C.3	93.4	95.1	95.1	96.1	96.3	96.3	96.8	96.8	97.0	97.0
0.9	94.1	95.9	95.9	97.0	97.2	97.2	97.5	97.6	97.8	97.8
	94.4	96.3	96.3				98.3	98.3	98.5	
1.5	94.9	96.9		98.3						99.4
1.0	94.3	96.9	97.0	98.3	98.7	98,7				
1.0		95.9	97.0	93.3	99.8	93.3	99.7	99.7		100.0
1.5	94.3	96.9	97.0	98.3	98.8	98.8	99.7	99.7	99.9	100.0

0 - 2 - 57

L

		NG LOCAT C, ASHEV			··· -··· ··	PERCE	NTAGE FR		Y OF DCC HOURLY			
	STATION	NJMBER:	747540		STATION NAME: ENGLAND AFB LA LST TO UTC: + 6							
	0011110		• • • • • • •		• • • • • •			******	STATUTE	411.55	• • • • • •	
	CEILING IN	GE	GĒ	GE	GE	GE			GE	GE	GE	
	FEET	7	6	5	4				1 1/2			
· · · -				• • • • •	• • • • • •						• • • • •	
	NO CEIL	43.4	51.3	65.6	66.5	66.5	66.5	66.5	56.6	66.6	66.1	
	GE 2000	49.4	59.2	73.8	75.3	75.4	75.4	75.4	75.4	75.4	75.4	
	GE 13000	9.7	59.5	74.1	75.5	75.7	75.7	75.7	75.7	75.7	75.	
	GE 1600		59.6	74.1	75.6	75.7	75.7	75.7		75.7	75.	
	GE 14000		70.1	74.5		76.2		76.2			75.4	
	GE 12000	51.4	71.9	76.3	78.0	78.2	78.2	78.2	78.2	73.2	78.3	
	SE 1000	54.3	75.0	31.1	83.1	83.3	33.3	83.3	33.3	83.3	93	
	SE 9000		76.0	31.5	83.7	83.9	93.9	93.9		33.9	53.	
~	GE 3007		77.1	35.1	37.2	87.4	87.4	97.4	37.4	37.4	27.	
	GE 700		30.0	36.0	88.2	33.4		88.4		83.4	93.1	
	GE 600	55.8	80.3	35.3	89.5	88.7	88.7	∂3. <b>7</b>	43.7	88.7	ેં 83∙ં	
	05 500		3.0		0.0.3	25.0						
	GE 5000		30.4 80.5	86.6 86.7	83.7 88.8	83.9 89.0	88.9 89.0	89.9 89.0	33.9 89.0	33.9 39.0	3 <b>9.</b> 5	
	SE 400		91.2	37.4	89.6	89.8	39.8	89.3		39.3	<u> </u>	
	GE 350		32.2	38.9	91.1	91.3	91.3	91.3		91.3	91.	
	GE 300		34.4	91.2	93.3	93.5	93.5	93.5	93.5		93	
		-	-	-								
	SF 250	58.9	35.7	92.7	95.1	95.3	95.3		95.3		35.	
	SE 200:		35.7	93.7	95.0	95.2	95.2	95.3	96.3	95.3	75.	
	GE 180		35.7	93.7	95.0	95.2	75.2	95.3		75.3	35.	
	GE 1500		37.5	94.6	97.1	97.4	97.4	97.5 98.5		97.5	_ 97•t	
	GE 120	50.3	ે 33∙ ૦	95.5	98.1	98.4	98.4	90.0	95.5	98.5	98•	
	GE 1000	50.4	83.1	<b>75.7</b>	98.4	98.5	98.8	93.9	98.9	98.9	99.	
	GF 90		33.2	95.8	98.5	93.9	98.9	99.0		79.0	99.	
	CF 90		33.2	95.3	99.5	93.9	78.9	99.0	99.0	99.0	99.	
	GE 70	0 60.4	38∙2	95.9	98.6	99.0	99.2	99.4	99.4	39.4	99.	
	GE 600	50.4	8ਰੈ∙2	95.9	98.5	99.1	99.4	99.6	99.6	99.6	99.	
	SE 500	60.4	33.3	96.0	98.7	99.4	99.3	99.9	39.9	99.9	100.	
	SE 40		88 <b>.3</b>	95.0	98.7	99.4	99.5	99.9	99.9	99.9	100.	
	GE 30		83.3	96.0	98.7	99.4	99.6	99.9	99.9	99.9	130.	
	GE 20		33.3	95.0	98.7	99.4	99.6	99.9	99.9	99.9	100.	
	SE 10		98.3	96.0	98.7	99.4	99.6	99.9	99.9	99.9	105.	
	SE 90	0 60.4	98∙3	96.0	98.7	99.4	99.6	99.9	99.9	99.9	100.	

AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DBSERVATIONS

ETA CV	LA					ORD: N HOURS:		OCT 88			
SIBILI	TY IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	
Sã	3E	GE	ΰĒ	GE	GE	GE	GE	GE	ůΕ	GE	-
2 1/2	2		1 1/4		3/4	5/8	1/2	3/9	1/4	0	
				• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • •	
1											
56.5	56.5	56.6	66.5	66.6	66.6	66.6	65.6	66.5	56.6	66.6	-
75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
75.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
78.2	79.2	78.2	73.2	78.2	79.2	78.2	78.2	73.2	78.2	76.2	
33.3	83.3	33.3	83.3	33.3	33.3	83.3	83.3	83.3	83.3	83.3	
93.9	93.9	33.9	33.9	33.9	33.9	33.9	83.9	83.9	83.9	83.9	
37.4	37.4	37.4	87.4	27.4	37.4	87.4	37.4	87.4	87.4	37.4	
38.4	83.4	88.4	83.4	83.4	38.4	38.4	88.4	88.4	98.4	38.4	
99.7	88.7	33.7	83.7	83.7	83.7	88.7	38.7	88.7	88.7	38.7	
58.9	89.9	33.9	38.7	33.9	88.9	38.9	83.9	88.9	35.9	88.9	
39.5	89.0	89.0	89.0	39.0	89.0	89.0	87.0	89.0	89.0	89.0	
39.5	89.3	89.8	39.3	59.8	89.8	89.8	89.8	89.3	89.3	89 <b>.</b> 9	
91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
95.3	95.3	95.3	75.3	75.3	95.3	95.3	95.3	95.3	95.3	95.3	
95.2	95.3	96.3	96.3	76.3	96.3	95.3	95.3	96.3	96.3	96.3	
35.2	95.3	95.3	76.3	75.3	95.3	96.3	96.3	95.3	96.3	95.3	
37.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
38.4	98.5	93.5	98.5	98.5	98.6	98.6	98.6	98.5	98.5	98.6	
98.3	93.9	98.9	98.9	29.0	99.0	99.0	99.0	99.0	99.0	99.0	
98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
18.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
37.2	99.4	99.4	39.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
19.5	99.9	39.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
99.6	<del>9</del> 9.9	99.9		100.0	100.0		100.0	100.0	100.0	100.0	
39.6 ···	99.9	99.9	99.9	100.0	100.0			100.0			

)

OPERATING LOCATION "A" USAFÉTAC, ASHEVILLE NO

### PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY DISERVATE

STA	ITION N	IJM3E₹:	747540	LST	TO UTC		LAND AFB	LA			
001		• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •		* * * * * * * * * * * * * * * * * * *	STATUTE	 MTLES	• • •
	[LING [N	GF	GΞ	GE ·	GE.		GE SE	SE	GE	GE	
-	. ' <b>'</b> !	7	9 <u>-</u> 5	5	4.	3	2 1/2	2		1 1/4	
							2 1/2		1 1/2		
• • -	, • • • • •	••••	• • • • • • • • •			• • • • • • •	••••	• • • • • •	••••	•••••	,
40	CETL	44.2	57.6	60.2	60.5	60.5	60.5	60.5	<b>60.</b> 5	60.5	61
GE	20000	55.1	71.5	74.9	75.6	75.6	75.6	75.5	75.6	75.5	7.
	18000	55.4	72.3	75 <b>.7</b>	76.3	75.3	75.3	76.3	76.3	75.3	7
	16900	55.4	72.3	75.7	75.3	76.3	76.3	76.3	76.3	76.3	7
GE	14000	55.3	73.0	76.8	77.4	77.4	77.4	77.4	77.4	77.4	7
SE	12000	55.9	74.5	73.4	79.1	79.1	79.1	79.1	79.1	79.1	7
	10000	59.3	78.5	83.0	83.9	83.9	83.9	83.9	83.9	83.9	3
35	9000	57.7	79.1	33.5	84.4	84.4	34.4	34.4	34.4	54.4	÷
	3000	60.5	33.4	35.2	86.0	35.0	36.0	36.0	36.0	35.0	3
SE	7000	61.2	21.1	35.9	36.3	36 • S	35.3	35.3	36.8	36.3	2
GE	6000	51.2	81.1	85.9	35.3	36.8	35.8	₹ <b>5.</b> ₽	95.3	86.€	٥
GE	5000	51.5	51.5	86.3	87.2	97.2	87.2	37.2	37.2	87.2	Ä
ŠE.	4500	61.5	31.5	35.3	87.3	87.3	87.3	87.3	87.3	37.3	3
- <u>5</u> -	4000	51.7	32.5	37.0	53.7	33.0	33.0	33.1		38.1	3
GE	3500	62.5	34.1	39.2	90.4	90.6	90.5	90.a	90.3	90.3	3
GE	3000	55.3	38.2	93.3	95.3	95.7	95.¤	95.9	95.9	95.9	3
GE	2500	56.2	39.2	94.8	96.3	97.0	97.1	37.2	97.2	97.2	4;
GF	2000	67.1	90.3	75.9	97.5	98.2	98.3	98.4	98.4	98.4	•
	1300	67.1	90.3	95.9	97.5	93.2	78.3	93.4		73.5	5
GE	1500	67.2	90.4	96.1	97.7	93.4	98.5	93.7	98.8	9ક∙ક	1
GE	1200	57.2	20.6	95.7	99.3	99.0	99.1	99.5	99.5	99.5	4
ĠE	1000	57.3	90.9	96.9	98.5	99.2	99.4	99.7	99.3	99.3	10
SΕ	900	67.3	90.9	96.9	98.5	99.2	99.4	99.7	99.8	99.3	10
ĞĒ	300	67.3	97.9	96.9			99.4	99.7		39.3	12
SΕ	<b>7</b> 00	67.3	90.9	95.9	98.5	99.2	99.4	99.7	99.3	79.a	10
٥Ē	500	57.3	90.9	95.9	98.5	99.2	99.4	79.7	99.₁	99.3	10
GE	500	67.3	90.9	96.9	98.5	99.2	99.4	99.7	99.3	99.3	10
GE	400	67.3		96.9	78.5	99.2	99.4	97.7	99.8	99.3	10
35	300	57.3				99.2	99.4	97.7	99.8	99.5	. T. 2
GE	200	67.3	90.9	95.9	98.5	97.2	99.4		99.8	99.8	10
GE	100	67.3	90.9	96.9	93.5	99.2	99.4	99.7	99.8	99.3	10
SE	000	67.3		95.9	98.5	99.2		99.7		99.4	10
		• • • • • •	• • • • • • •			• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	

TOTAL NUMBER OF DASERVATIONS 930

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY UPSERVATIONS

								1311-3	10 T 00		
	GLAND AFE	3 LA						1) 75 -	361 30		
1 + 5					MONTH	TAF	หถบลระ	12-14			
					• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • •
0			STATUTE		· A -	SE	GE	ĠF	GE	GE	C't.
GE	GE 2 1 42	ઉદ્	GE	GE T	Ğ.€						
3	2 1/2	22	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	
	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •
, ,	(25		( O . C	13 -	40 5	40 5	40 5	60.5	50.5	50.5	50.5
73.5	50.5	63.5	50.5	63.5	67.5	50.5	50.5	90°2	50.5	90.9	36.9
75.5	75.6	75.5	75.0	75.6	75.6	75.6	75.6	75.6	75.5	75.6	75.6
75.3	75.3	75.3	76.3	75.3	76.3	76.3	76.3	75.3	76.3	75.3	75.3
75.3	76.3	75.3	76.3	76.3	75.3	76.3	75.3	76.3	76.3	76.3	75.3
77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
L .	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
73.1	19.1	(9 · 1	17.1	19.1	77.1	1 7 9 1	7.0 1	1701	7701	, , , 1	7 9 6 1
53.9	23.9	33.7	33.9	83.9	33.0	33.9	33.9	33.9	83.9	93.9	33.9
34.4	34.4	34.4	34.4	54.4	34.4	34.4	84.4	84.4	84.4	54.4	34.4
35.0	36.0	35.5	35.0	36.3	35.0	86.0	36.0	35.0	86.0	36.0	35.0
35.8	35.3	35.3	35.9	36.3	35.3	96.8	36.4	85.5	36.3	85.5	ყი. 3
35.8	35.9	25.0	95.3	85.3	86.3	35.8	₹6.3	35.5	36.8	36.a	36.3
7.7	,5•.	<b>↓</b> • .	7.3 .3	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	12.43	J <b>J •</b> 7		300,	, ,	, ,	)
47.2	37.2	37.2	37.2	87.2	87.2	37.2	97.2	87.2	97.2	97.2	37.2
37.3	57.3	27.3	37.3	31.3	37.3	37.3	87.3	87.3	87.3	37.3	37.3
33.0	33.5	33.1	33.1	35.1	33.1	83.1	33.1	83.1	85.1	ा उह.1	33.1
90.5	90.5	93.4	70.3	90.3	90.8	90.3	90.8	90.A	90.B	90.3	90.3
75.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.0	95.0
				-			-				
77.0	97.1	97.2	37.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
₹3.2	98.3	98.4	73.4	98.4	98.5	95.5	98.6	93.5	93.5	93.5	95.5
93.2	95.3	93.4	78.5	95.5	98.7	7.56	93.7	95.7	98.7	93.7	93.7
13.4	₹0.5	93.7	98.5	Js.3	99.0	99.0	99.0	99.0	99.0	99.0	99.3
77.0	99.1	94.5	39.5	97.5	97.3	39.3	99.8	<b>79.</b> 9	99.3	99.5	99.3
33.5	99.4	39.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
33.2	99.4	91.1	99.3	77.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
37.2	99.4	97.7	<b>77.</b> 3	नग्रह		100.0	100.0	100.0	100.5	100.0	100.0
33.5	99.4	39.7	99.3	77.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
J.) * 5	79.4	99.7	99.3	97.3	107.7	100.0	100.0	100.0	100.0	100.0	100.0
30 <b>3</b>	20.7	22.7	0.0.3	00.3	100 0	100 0	103.0	100.0	100 0	100.0	100.0
33.5	79.4	99.7	वव् न	99.3	100.5	100.0	100.0	100.0	100.0	100.0	
33.2	99.4	93.7	43.8 70.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.7	99.4	97.7	3 <b>3 -</b> 3	79.5	170.0	100.0		100.0	100.0	"130.0"	100.0
<b>31.</b> 2		99.7	99.4	90.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
17.2	99.4	99.7	79.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
33 3	29.4	99.7	99.3	00.0	100 3	100.0	130.0	100.0	100.0	100 0	100 0
99.2	47.4	19.1	77.1	99.4	100.0	100.0	100.0	100.0	IUU•U	10000	1 3U € J
• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •		• • • • • •	• • • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE O OPERATING LOCATION "A" FRUM HOURLY DASERVATI USAFETAC, ASHEVILLE NO STATION NAME: ENGLAND AFR LA STATION NUMBER: 747540 MO LST TO UTC: + 6 VISIBILITY IN STATUTE MILES CEILING SE GE ĞE GE GE GΞ SE IN 1 1/2 5 3 2 1/2 52.3 52.3 52.3 52.3 52.3 5 51.5 52.3 NO CEIL 36.7 42.0 73.1 74.1 74.1 74.1 74.1 74.1 74.1 7 GE 20000 51.5 55.9 GE 19000 52.0 74.3 74.8 74.8 74.3 73.9 74.3 74.3 59.7 16000 73.9 74.3 74.3 74.5 74.8 59.7 74.8 74.8 52.0 7 76.2 GE 14000 52.9 71.0 75.3 76.2 76.2 76.2 76.2 75.2 77.3 78.3 73.3 78.3 73.3 78.3 72.3 GE 12000 54.3 73.0 95.1 95.1 77.2 95.1 85 1 35.1 35.I SE 10000 58.4 83.8 35 59.7 85.5 35.5 35.5 55.5 35.5 5= 7000 79.5 84.1 57.3 37.8 37.8 ΞĒ 31.9 87.5 37.3 37.5 50.5 36.5 9000 86.8 88.2 38.2 88.2 38.2 28.2 33.2 SE. 7000 50.3 30.5 83.5 GE 50.9 32.4 97.1 88.5 38.5 38.5 38.5 5000 99.9 99.0 89.0 39.3 GΞ 5000 51.2 32.8 37.5 39.0 39.0 89.1 59.1 39.1 GE 4500 61.3 32.3 37.5 89.0 39.1 39.1 38.8 90.4 90.4 90.4 51.9 99.3 90.4 90.4 SE 4000 83.3 92.5 92.5 95.7 92.5 92.5 92.6 GE 3500 53.2 90.9 92.4 96.5 97.0 97.0 33.4 96.9 97.0 SΞ 3000 55.1 94.4 96.9 98.3 98.3 93.5 78.5 73.5 G-2500 35.4 97.4 55.7 47.2 93.3 99.6 93.3 93.8 G E 97.5 95.6 93.6 2000 65.7 33.4 1900 35.7 95.7 93.9 98.9 93.9 98.7 99.7 97.7 ĞÉ 37.4 79.4 38.0 99.4 39.4 93.9 99.1 33.4 1500 55.7 95.7 GE 79.5 99.2 99.5 39.5 89.4 98.1 99.0 1200 95.∂ SE 55.7 99.5 99.5 99.0 99.2 99.5 GF 55.7 57.4 95.3 93.1 1000 94.5 99.5 99.5 3. 65.7 99.0 99.2 200 37.4 95.3 98.1 97.2 99.5 99.5 99.5 99.0 σE 300 65.7 95.3 93.1 19.4 99.2 99.5 99.5 99.5 99.0 55.7 98.1 GË 760 39.4 95.8 99.2 99.5 99.6 99.6 65.7 29.4 **95.**3 98.1 99.0 500 93.1 99.5 99.2 93.6 99.5 39.4 99.0 SF 500 65.7 35.8 19.2 39.4 99.0 97.5 99.6 14.5 75.3 95.1 430 65.7 99.2 99.5 79.5 799.5 35 99.0 300 55.7 B9.4 95.3 99.1 99.5 79.5 99.5 65.7 99.0 99.2 65 200 39.4 75. 93.1 99.2 99.5 99.5 55.7 98.1 99.0 39.5 100 37.4 95.3 99.5 97.5 99.0 39.2 99.5 000 55.7 47.4 75.3 43.1

# FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

IL

l c ti	LA			PERIOD HONTH:		ORD: N OURS:		OCT 88		
• • •	TV 111		******					•••••	•••••	
L 1	32°	STATUTE SE	GE	ce	GE	CE	GE	GE	ĞÉ	GΞ
/2	2		1 1/4	1	3/4	5/3	1/2	3/8	1/4	0
		1 1/2	1 1/4	1	3/4	2/3	1/2	3/3	1/4	
•										
3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
		320)	7243	74 .	J	, , ,	,,,,	2200		22 4 3
	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
;	74.3	74.8	74.3	74.3	74.3	74.8	74.8	74.8	74.8	74.8
II.	74.8	74.8	74.8	74.P	74.3	74.8	74.8	74.8	74.3	74,3
	75.2	76.2	76.2	75.2	75.2	76.2	76.2	76.2	76.2	76.2
	73.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	76.3
	35.1	35.1	95.1	35.1	85.1	85.1	85.1	85.1	35.1	85.1
	83.5	55.5	35.5	35.5	85.5	85.5	85.5	85.5	85.5	85.5
	37.3	37.5	37.8	37.5	87.8	87.8	87.3	37.8	87.8	87.8
	30 • 2	98.2	99.2	88.2	88.2	88.2	99.2	88.2	88.2	88.2
	व छ • 5	83.5	38.5	89.5	38.5	88.5	89.5	83.5	33.5	38.5
	~3.0	89.0	39.0	39.0	89.0	89.0	89.0	89.0	89.0	~39.0
	3).1	59.1	39.1	39.1	99.1	89.1	89.1	39.1	84.1	39.1
	20.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	92.6	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	37.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	A	45° 6 °	3.5		44.8	40.5"	0.1.0	23 5	5 A	.636 3
	93.5	98.5	₹3.5°°	78.8	98.8	93.8	98.8	98.8	98.8	98.3
	93.3	93.8 98.9	93.3	99.1	99.1	<u> </u>	99.2	99.2	99.2	99.2
	93.9 99.4	99.4	99.9	99.2	79.2	99.2	97.4	99.4	99.4	99.4
	27.5	79.4	99.4 99.5	99 <b>.7</b> 99 <b>.</b> 3	99.7 99.8	99.7	99.8	99.8 99.9	99.0 99.9	99.a 99.a
	7767	7769	74.7	フォ・コ	77.7	77.3	77.4	77.7	44.4	77.4
	99.5	79.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
	99.5	99.5	99.5	99.3	99.9	99.3	99.9	99.9	99.9	99.9
	99.5	99.5	99.5	99.8	99.9	99.8	99.9	99.3	99.9	99.9
	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	• •			• .	• •	,	- 9 0 <b>-</b> 9	20040	10010	10010
	93.6	99.6	97.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	97.5	99.6	79.5	*** <b>,</b> q	99.4	99.9	100.0	100.0	100.0	100.0
	99.5	79.5	99.5	99.9	97.9	99.9	100.0	100.0	100.0	100.0
	19.5			99.9		99.9	100.0	100.0		100.0
	39.5					99.0	100.0	100.0	100.0	100.0
						-		=		
	93.5	99.6	22.6	39.9	99.9	19.9	100.0	100.0	100-0	100.0

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC STATION NUMBER: 747540

PERCENTAGE FREDUENCY OF OCCURRENCE OF FROM HOURLY DISSERVATION

and the second of the second o

STATION	NUMBER:	747540		AN NCIT		AND AFE	LA			PERI MONT
	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	· · · · · · · · · · · · · · · · · · ·		**************************************		471.56	• • • • •
CEILING		67.	6.5			VISIBILI	GE		MILES	~
IN	3E 7	SE i	GE	GE	GE	GE	2	GE	GE	SE
		6	5	4	3	2 1/2		1 1/2	1 1/4	1
• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
NO CETE	41.5	52.2	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.
SE 20000	55.7	71.5	75.3	75.3	76.5	76.5	75.5	76.5	76.5	76.
GE 18000		71.9	75.7	76.3	76.9	76.9	75.9	75.9	76.9	76.
GF 15000	57.1	71.9	75.7	75.3	75.9	76.9	75.9	75.9	76.9	75.
GE 14000	57.3	72.4	76.1	77.2	77.3	77.3	77.3	77.3	77.3	77.
GE 12000	59.9	75.5	79.4	80.5	30.6	80.6	80.6	30.5	80.5	80.
							=		_	
SE <b>100</b> 00		30.9	35.5	36.9	37.0	8 <b>7.</b> 3	87.0	37.0	37.0	37.
SE 9000		31.2	35.9	87.2	87.4	37.4	37.4	37.4	37.4	57.
SE 3000		33.4	33.6	90.0	90.3	90.3	90.3	30.3	30.3	90.
GE 7000		34.1	39.4	90.8	91.1	91.1	71.1	91.1	91.1	91.
GE 6000	56.5	34.1	89.5	91.0	91.3	91.3	91.3	91.3	91.3	91.
05 5000		27.7	20.2	01 (	01 0	91.9	01 0	91.9	91.9	21.
GE 5000 GE 4500		34.7 34.7	90.2 90.2	91.6	91.9 91.9	91.9	91.7 91.3	91.9	91.9	31.
SE 4500 SE 4000		25.3	91.6	91.5 93.2	73.5	93.5	93.9	$-\frac{71.7}{73.5}$	73.5	
GE 3500		35.9	93.4	95.4	95.7	95.S	95.8	95.3	95.3	05
GF 3000		33.9	95.4 95.1	97.1	97.4	97.5	97.5	97.5	97.5	97.
9. 3000	3702	) ) • Z	) ) • L	7141	7747	71.0	, , ,	71.5	7113	7 • •
GE 2500	59.7	a3. q	96.0	98.2	94.5	98.5	93.3	99.3	38.9	93.
38 2000		99.0	96.3	93.5	99.8	98.9	99.1	99.1	37.1	99.
00 1300		39.1	96.5	98.6	93.9	99.0	93.2	99.2	99.2	39.
GE 1500		39.4	95.7	98.8	99.4	99.5	99.7	99.7	99.7	99.
GE 1200		99.4	96.7	98.8	99.4	99.5	99.7	99.7	97.7	99.
GF 1000	59 <b>.</b> 9	39.4	95.7	78.3	99.4	99.5	99.7	99.7	99.7	39,
55 900		39.4	96.7	98.3	99.4	49.5	93.7	99.7	99.7	99.
GT 300		99.5	36.3	98.9	99.5	99.6	97.0	99.5	93.3	79.
GE 700		29.5	96.9	99.0	99.5	99.7	39.9	99.3	93.9	100
GE 500	59.9	39.5	95.9	99.0	99.6	7	99.9	99.9	99.9	100
500		39.5	95.9	99.3	99.5	93.7	99.9	99.9	39.3	100
GE 400		39.5	95.9	99.0	97.6	99.7	94.9	99.9		100
300		39.6	96.9		97.6		99.9		79.7	100
GF 200		37.5	95.9	99.0	99.5	99,7	99.3	99.9	99.9	100
GE 100	59.9	39.6	96.9	99.0	93.6	99.7	99.3	19.9	90.9	100
SF 000			96.9		99.6	99.7		99.9	99.9	100
• • • • • • • • •			•••••		• • • • • •	• • • • • • • •	• • • • • •		• • • • •	• • • •

TOTAL NUMBER OF DASERVATIONS 330

3 <u>L</u> 4					DRD: N HOURS:		UCT 83			
 ! T Y   ! :	N STATUTE	MILES	• • • • • •	• • • • • •		* * * * * * *		• • • • • •	••••	-
3E	GE		GE		GE	GE	GE	GE	GE	
	1 1/2	1 1/4	1	3/4	5/8	1/2	3/3	1/4	<u> </u>	
••••		•••••	• • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	•••••		
55.	7 55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
75.	76.5	76.5	76.5	76.5	76.5	75.5	76.5	76.5	75.5	
75.		76.9	76.9	76.9	76.9	75.9	76.9	76.9		
75.			75.9			76.9	76.9	76.9	76.9	
77.	3 77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
30.	5 30.5	80.5	80.5	30.6	80.5	80.6	30.5	80.6	30.6	
57 <b>.</b> :	37.0	37.0	37.0	87.0	97.0	87.0	87.5	87.0	87.0	
37.		37.4	97.4	37.4	87.4	87.4	87.4	87.4	87.4	
9).		70.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
71.		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
91.	3 91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
01.	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
91.		91.9	91.9	91.9	91.9	91.9	91.9	71.9	91.9	
73.	3.5	73.5	93.5		93.5	93.5	93.5	93.5	93.5	
)5 <b>.</b> :		95.3	95.8	95.8	95.8	95.8	95.9	95.8	95.8	
97.	5 97.5	97.5	97.5	97.5	97.5	97.6	97.5	97.5	97.6	
93.	99.8	98.8	<b>78.</b> 3	99.8	98.8	93.∄	98.3	98.8	98.3	
99.		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
37.		99.2	99.2	99.2			99.2	99.2	99.2	
÷.		<b>79.7</b>	99.7		99.7		99.7			
23.	7 99.7	97.7	99.7	99.7	49.7	99.7	99.7	99.7	99.7	
99.	7 39.7	99.7	99.8	99.8	99.8	99.8	99 <b>.</b> 8	99.8	99.8	
33.		99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.0	
9).		99.3			99.9					
33.		93.9	100.3	100.0	100.0	100.0	100.0	100.0	100.0	
99.º	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
73.		39.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
77.		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
97.		99.9	100.0	100.0	130.0	100.0	100.0	100.0	100.0	
77.		99.9 99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

STATION	IJMBER:	747540		TO UTC		LAND AF	8 LA		
								• • • • • •	
CEILING							_	STATUTE	MILES
, IN	GE				GE		ĜΞ		GE
FEET	7		5			2 1/2			1 1/4
• • • • • • •	• • • • • •		• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	
NO CFIL	58.4	56.5	70.5	71.4	71.9	71.9	71.9	71.9	71.9
GF 20000	55.7	73.0	82.5	83.4	34.2	34.2	84.2	34.2	34.2
SE 13000	65.7	73.0	32.5	33.4	34.2	34.2	34.2	34.2	
SE 15000	65.7	73.0	82.5	83.4	34.2	84.2			
SE 14000	65.7	<b>7</b> 9•9	82.5	83.4	34.2	84.2	94.2		94.2
GE 12000	69.4	30.9	85.5	86.5	37.2	87.2	87.2	37 <b>.</b> 2	37.2
GE 10000	<b>72.</b> 0	94.9	90.0	91.1	91.8	91.3	91.3	91.3	91.8
SE 2000	72.4	35.3	90.3	91.4	92.2	92.2	92.2	92.2	12.2
SE 3000	73.5	37.3	92.5	93.5	94.3	94.3		34.3	74.3
GE <b>7</b> 000	73.5	37.3	92.5	93.5	94.3	94.3	94.3	94.3	94.3
GE 6000	73.5	37.4	92.5	93.7	94.4	94.4	94.4	<b>34.4</b>	94.4
GE 5000	74.2	83.1	93.2	94.3	95.1	95.1	95.1	25.1	95.1
38 4500	74.2	88.1	73.2	94.3	95.1	95.1	95.1	95.1	75.1
SE 4500	75.3	87.2	74.4	95.5	96.3	75.3	95.3	96.3	75.3
GE 3500	75.7	90.0	95.3	96.5	97.3	97.3	97.4	97.4	
GE 3000	75.0	90.3	95.5	95.3	<b>97.</b> 5	97.6	97.7	₹7 <b>.</b> 7	97.7
GE 2500	75.5	90.3	96.1	97.3	98.3	98.3	93.4	98.4	
SE 2000	75.5	90.9	95.2	97.4	93.4	98.4	98.5	93.5	98.5
GE IROD	75.3	71.3	75.7	97.3	93.3	98.3	वनु न		
GE 1500	75.3	91.3	95.9	93.1	99.2	39.2	23.4	99.4	39.4
GE 1200	75.3	91.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5
3F 1300	76.8	91.3	96.9	98.2	99.4	99.4	99.5	99.5	99.5
SE 900	76.3	91.3	96.9	98.2	99.4	99.4	99.5	99.5	94.5
SE (40)	75.3	71.3	可5.79	98.2	99:4"	99.4	93.5		
GE 700	76.3	31.3	97.0	98.3	99.	99.5	93.6	99.5	
GE 500	76.3	91.3	97.0	93.3	99.6	99.6	99.7	79.7	99.7
GE 500	76.3	71.4	97.1	98.4	99.7	99.7	99.3	39.3	99.3
GE 400	75.3	91.5	97.3	98.5	99.9	99.7	100.0	100.0	100.0
35 35°C	75.3	71.5	97.3	73.5	99.9	99.9	100.0	120.0	122.0
6± 200	75.3	91.5	€7.3	93.6	99.9		100.0	100.0	100.0
GE 100	76•B	21.5	97.3	99.6	99.9	99.9	100.0	100.0	100.0
SE 000	76.3	91.5	97.3	98.6	99.9	99.9	100.0	100.0	100.0
• • • • • • •		• • • • • • •				• • • • • •	• • • • • •	• • • • • •	

# GE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

IO ĀĒ	RLA			PERIOD		ORD: N		UCT 88		
 KTATI	TTY IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • •
3E	3z ·		GE	GE	ĠĔ	ĠF	GE	<u>GE</u>	δĒ	SE
2 1/2		1 1/2			3/4	5/3	1/2	3/8	1/4	5
					• • • • • •				• • • • • •	• • • • •
71.9	71.9	71.9	71.9	71.9	71.9	79	71.9	71.9	71.9	71.9
14.2	34.2	34.2	34.2	34.2	84.2	84.2	84.2	34.2	34.2	34.2
34.2	34.2	34.2	34.2	94.2	84.2	84.2	84.2	84.2	84.2	34.2
34.2°	84.2	34.2	34.2	84.2	84.2	34.2	84.2	34.2	84.2	84.2
34.2	84.2	84.2	94.2	84.2	84.2	84.2	34.2	84.2	84.2	84.2
77.2	87.2	3 <b>7 ⋅</b> 2 ¯	87.2	87.2	57.2	97.2	37.2	87.2	87.2	37.2
21.3	91.3	91.3	91.9	91.3	91.8	91.8	91.8	91.8	91.3	91.9
$32 \cdot 2$	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
14.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
74.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
74.4	74.4	34.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
					and the second of the second					
95.1	95.1	<b>75.1</b>	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
<b>35.1</b>	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
75.3	95.3	96.3	96.3	96.3	95.3	96.3	96.3	96.3	96.3	95.3
77.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
		***		2.5					· maximi s	
28 • 3	93.4	98.4	98.4	99.4	98.4	93.4	99.4	98.4	98.4	99.4
93.4	<u> </u>	99.5	98.5	99.5	98.5	98.5	98.5	98.5	98.5	99.5
23.3	03.3	99.9	98.9	78.7			93.9	95.9	93.9	99.9
33.2	99.4 99.5	99.4	99.4	79.4	99.4	99.4	99.4	99.4	39.4	99.4
39.4	77.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
30.4	99.5	79.5	99.5	99.5	99.5	99.5	99.5	99.5	799.5	99.5
)7.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
39.4	97.5	39.5	79.5	99.5	99.5	99.5	99.5	79.5	99.5	97.5
99.5	99.5	99.6	99.5	99.6	99.5	99.6	99.6	99.6	99.6	99.6
97.5	99.7	79.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
7700	2741	7701	7761	7741	7741	274 (	7741	77.1	7741	771
79.7	37.3	39.3	99.3	99.3	79.P	99.9	99.8	99.8	99.3	99.8
99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9		100.0	130.0	100.0		100.0	100.0	100.0	100.0	100.0
99.9	10).3	100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0
19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	. , , , ,	10349			,		20010	# (1 O T O		* " · · · · ·
99.9	100.0	105.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
								-		

TOTAL NUMBER OF DRSERVATIONS 7440

# FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

A 1 12	3 LA				OF RECO		73 <b>-</b>	OCT 88			
ILI	TY IN	STATUTE		•••••						• • • • •	
13	GÉ <sup>™</sup> 2		GE 1 1/4	3 E 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GÉ O	
• •		• • • • • • •		• • • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • •	
<b>-</b>	55.0	66.2	55.2	66.4	55.4	56.4	56.5	66.5	66.5	66.5	_
,	73.4 73.7	78.6 78.9	78.5 73.9	78.8 79.1	78.8 79.1	78.8 79.1	78.9 79.2	78.9 79.2	78.9 79.2	78.9 79.2	
•	73.7	73.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	
``	79.4	79.5	79.6	79.3	79.8	79.8	79.9	79.9	79.9	79.9 32.2	
Э	31.5	91.3	81.8	82.0	52.1	32.1	32.2	32.2	92.2	26.6	
J	85.5	86.9		87.1	87.1	87.1	87.2	97.2	87.2	87.2	
4 ገ	97.1	37.3	97.3	37.5	67.6	37.6	87.5	37.6 30.1	87.6 90.1	97.5 90.1	
.'  -	27.5 39.9	89.3 90.2	89.3 90.2	90.0 90.4	90.0 90.4	90.0 90.4	90.1 90.5	90.5	90.1	90.5	
r.	70.1	90.3	90.3	90.5	90.6	90.5	90.7	90.7	90.7		
J	90.5	90.7	70.7	90.9	91.0	91.0	91.0	91.0	91.1	91.1	
4	90.5	90.3	70.8	91.0	91.0	91.0	$\frac{91.1}{22.2}$	91.1	91.1	91.1	
9 7	91.5	91.9	91.3 93.1	92.0 93.3	92.1 93.4	92 <b>.1</b> 93.4	92.2 93.5	92.2 93.5	92.2	92.2 93.5	
2	74.9	95.1	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.6	
į.	75.7	95.1	96.1	95.4	96.4	96.4	93.5	96.5	95.6	95.6	
5	95.4	76.6	96.5	95.9	96.9	96.9	97.0	97.0	97.1	97.1	
य 3	96.5	76.7 97.3	96.7 97.3	97.0 97.5	97.1 97.7	97.1	97.2 97.8	9 <b>7.2</b> 9 <b>7.</b> 3	97.2 97.3	97.2 97.8	
<i>⊃</i> <del>Ч</del>	97.5	97.8°	97.8	99.1	98.1	98.1	93.2	$9\overline{3}.2$	98.3	98.3	
)	97.3	93.0	93.0	93.3	98.4	93.4	93.5	98.5	98.6	93.5	
2	97.9	95.2	98.2	98.5	98.5	98.5	99.6	93.6	99 <b>.</b> 0	98.7	
4 5	78.2 93.3	98.4	98.4 93.5	98.3 98.9	93.8 99.0	98.8 99.0	98.9 99.1	98.9 99.1	99.0	99.0 99.1	
5	34.4	98.7	93.7	99.0	99•1	99.1	99.2	99.2	99.2	99.2	
ij	93.7	93.9	98.9	79.3	99.3	99.3		99:4	99.5	99.5	
)	95.3	99.0	99.1	79.4	99.5	99.5	99.6	99.5	99.7	99.7	
<b>)</b>	39.3	99.2	99.2	99.5 99.6	99.6 99.7	99.5 99.7	99.7 99.8	99.7 99.8	99.3	99.8 99.9	
9 <b>ว</b>	93 <b>.</b> 9	99•2 99•2	99•2 99•2	99.6 99.6	99.7	99.7	99.8	77.5	99.9	100.0	
;	93.9	29.2	99.2	99.6	99.7	99.7	99.8		99.4	100.0	
				• • • • • •	• • • • • •		• • • • • •		• • • • • •		

ì

)

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF DOCURRENCE OF FROM HOURLY OBSERVATION

STATION	NJMBER:	747549		TO UTC:		LAND AF3	LA			사 <u>다</u> 고등:
CEILING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	, ,	VISIBILI	TY IN	STATUTE	MILES	• • •
IN	GĘ	GĘ T	GE	GĘ	ĞE	GE	GI	S∈	GE	(
FEET			5	4	3		2	1 1/2	1 1/4	
	• • • • • •		• • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • •
NO CEIL	47.4	54.0	77.0	81.3	33.1	83.3	33.7	83.7	83.8	Ŗţ
SE 20000		57.3	32.0	35.3	83.7	88.9	39.2	39.2	39.4	41
GE 19000		57.8	32.0	35.3	83.7	88.9	89.2	39.2	39.4	, C
SF 15000		57.8	32.0	36.3	88.7	88.9	87.2	39.2	39.4	•
GE 14000		58 <b>.</b> 2	82.5	3 <b>7.</b> 2	39.1	89.4	97.7	39.7	37.3	Ω
SE 12000	50.3	<b>5</b> ∄•8	83.2	89.0	89.9	90.1	90.4	90.4	90.5	9(
GE 10000		70.2	85.1	39.9	92.0	92.3	92.5	92.6	72.7	3.
GE 9000		70.5	35.5	90.4	92.9	93.1	93.4	93.4	95.5	91
GE 3000		71.8	87.3	92.4	95.1	95.3	95. ó	95.5	35 <b>.7</b>	3:
GE 7000		71.3	97.3	92.4	95.1	95.3	95.6	95.6	95.7	۶٤
SE 6000	52.4	71.9	37.4	92.5	75.2	95.4	95.7	95.7	95.8	9:
SE 5000	52.4	72.0	S <b>7.</b> 5	92.5	95.3	95.5	95.3	95.8	95.9	<b>)</b> =
35 4500		72.0	47.5	92.5	95.3	95.5	95.3	15.8	15.1	a -
SE 4555		72.5	35.3	93.3	75.0	96.2	95.5	26.6	76.7	<b>3</b> ¢
GE 3500		72.9	89.0	94.2	96.9	97.1	97.4	97.4	97.5	97
GE 3000	52.3	73.1	89.2	94.4	97.1	97.3	97.6	97.5	37.7	97
GE 2500	52.3	73.1	39.2	94.4	97.1	97.3	97.5	97.6	97.7	<b>)</b> 7
SE 2000		73.2	39.4	94.5	97.3	97.5	97.5	97.3	43.0	35
SE 1800		73.2	39.4	94.5	97.3	97.5	97.3	<b>97.</b> 8	73.0	à.
GE 1500		73.5	89.3	95.2	97.8	93.1	99.4	98.4	93.5	9:
GE 1200	53.1	73.5	89.5	95.4	98.1	98.3	93.6	98.5	93.7	9:
Sr 1000		73.5	39.9	95.5	98.3	96.5	45.3	93.B	93 <b>.</b> 9	
୍ଟ୍ର	53.1	73.5	39.9	95.6	98.3	98.5	93.5	98.3	73.7	
35 300		73.5	39.3	95.5	93.3	18.5	93.3	73.3	98.3	
SE 700	-	73.7	90.0	95.7	99.4	98.5	93.7	98.9	99.0	94
GE 500	53.4	73.9	90.2	95.9	98.6	98.8	9).1	79.1	99.2	9 :
SE 500	53.4	73.9	30.2	95.7	93.5	98.3	99.1	99.1	97.2	ą¢
SE 400		73.9	30.2	95.0	93.7	98.9	97.4	97.4	99.5	?′
GÊ 305		74.1	20.4	96.2	93.9	79.1	97.5	99.6	99.7	91
GE 200		74.1	90.4	96.2	98.9		99.6			90
GE 100	53.4	74.1	90.4	95.2	98.9	99.1	99.6	99.6	99∙੪	90
GF 000	53.4	74.1	90.4	96.2	93.9	99.1	97.5	99.5	99.3	91
,,,,,,,,,,		· • • • • • • •							• • • • • •	

TOTAL NUMBER OF DESERVATIONS 930

# NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

LAND AF3	LA				OF RECU			OCT 88	,		
VISIBILI	TY IN	STATUTE		• • • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • •	
GE	GE		GE	GE 1	GE 3/4	GE 5/8	GÉ 1/2	GE 3/8	GE 1/4	SE 0	
	• • • • •	• • • • • • •	• • • • • • •	• • • • •		• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	
33.3	93.7	83.7	83.8	83.3	83.8	83.8	33.9	33.9	83.9	83.9	
33.9 33.9	39.2	39.2 39.2	39.4	89.4 89.4	89.4	89.4	89.5 89.5	89.5	89.5	89.5 89.5	
āe.9	87.2	89.2	39.4	49.4	89.4	39.4	89.5	89.5	89.5	89.5	
39.4	89.7	39.7	89.3	89.3	39.3	89.8	89.9	89.9	89.9	39.3	
90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.5	90.6	
92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.3	
93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	
95.3	95.6	95.5	95 <b>.</b> 7	95.7 95.7	95.7	95.7	95.8 95.8	95.8 95.8	95.8 95.8	95.8 95.9	
95.4	95.6 95.7	95.6 95.7	95 <b>.7</b> 95 <b>.</b> 8	95.3	95 <b>.7</b> 95 <b>.</b> 8	95 <b>.7</b> 95 <b>.</b> 9	95.9	95.9	95.9	95.9	
30.5	95.3	95.8	95.9	15.9	95.9	95.9	96.0	95.0	90.0	95.3	
75.5	90.3	25.8	95.3	95.9	95.9	95.)	96.5	96.0	96.0	75.0	
96.2	95.6	96.6	76.7	96.7	96.7	95.7		95.3	96.8	95.3	
97.1	97.4	97.4	97.5	97.5	97.5	97.5	27.6	97.5	97.6	97.5	
97.3	97.6	97.5	37.7	97.7	27.7	97.7	97.8	97.8	97.5	97.3	
97.3	97.5	97.6	37.7	77.7	97.7	97.7	97.3	97.8	97.9	97.3	
97.5	97.5	97.8	93.0	98.0	93.0	98.0	98.1	98.1	93.1	96.1	
37.5	97.3	9 <b>7.</b> 8	33.0	93.0	93.0	98.0	93.1	93.1	96.1	9.1	
98.1	9-3-4	98.4	93.5	98.5	93.5	98.5	98.6	98.5	98.6	98.6	
73.3	93.6	98.5	93.7	93.7	98.7	98.7	98.8	98.8	98.3	98.3	
₹9.5	95.3	93.8	93.9	98.9	93.9	98.9	99.0	99.0	99.0	99.0	
73.5	93.3	98.3	99.9	70.7	98.9	98.9	99.0	39.0	99.0	99.0	
98.5	93.3	<b>93.</b> 8	98.3	7A. 9	98.0	98.9	99.0	99.0	99.5	99.0	
34.5	93.3	98.9	99.0	99.0	99.0	97.0	99.1	99.1	99.1	99.1	
୨୩.୫	37.1	79.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	
<b>∌</b> ∂•3	99.1	97.1	97.2	99.2	99.2	99.2	99.4	199.4	99.4	99.4	
. 9d.9	91.4	99.4	99.5	99.5	9.5	99.5	99.6	99.6	99.6	99.6	
39.1	97.5	99.6	99.7	99.7	99.7	99.7	97.8	99.8	99.8	99.3	
99.1	99.5	79.5	99.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	
99.1	99.5	99.6	<b>99.</b> 8	99.3	99.9	99.9	100.0	100.0	100.0	100.0	
99.1	99.6	99.6	99.3	79.3	99.9			100.0		100.0	
F * * * * * * * * * * * * * * * * * * *	•••••	• • • • • • •	• • • • • •	•••••		• • • • •		•••••	• • • • • •	•••••	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO STATION NUMBER: 747540

PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY DISERVATION

STATION	NUMBER:	747540		AAN NGIT		LAND AF8	LA			कृष्ट्र MUN
				10 010						7 U Y
CEILING	• • • • • • •	• • • • • • •			• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • •
IN	GΞ	3E	SE	ĠE	GE	GE	5 E	GE	ĞÉ	G
FEEL						2 1/2			1 1/4	
• • • • • • •			• • • • • •		• • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • •
NO CEIL	30.3	45.3	59∙3	56.9	71.3	72.5	74.4	75.3	75.5	<b>7</b> 5
		₹ <b>⊅</b> ₹ <b>2</b>	J 7 4 .3	300	,,,	1200	, , ,	(),3	1000	, .
3F 20000		49.5	65.7	74.1	73.5	79.3	82.5	32.9	33.1	33
SE 18000		49.5	55.7	74.1	73.5	79.3	32.0	52.9	33.1	3.3
GF 16000		49.5	65.7	74.1	78.5	79.3	32.0	32.9	33.1	ે શેક
GE 14000		49.5	65.9	74.5	78.9	80.3	32.5	33.4	33.7	94
GE 12000	33.2	50.9	67.5	76.3	30.3	32.2	34.4	35.3	35.5	85
GE 10000	34.2	52.3	70.0	79.2	83.9	95.3	₽ <b>7.</b> 6	83 <b>.</b> 5	33 <b>.</b> 3	3.9
GE 9000	34.5	52.9	79.6	30.1	34.7	35.1	33.5	99.4	39.7	70
GF 3000	34.7	53.4	72.3	81.6	85.6	88.1	90.5	91.4	91.7	92
65 7000	34.7	53.5	72.2	31.7	86.7	98.2	90.5	91.5	91.3	0.5
SE 5000	34.7	53.8	72.4	31 <b>.</b> 9	85.9	63.4	90.9	91.7	42.0	#2
GE 5000	34.9	53.8	72.4	81.9	87.0	38.5	91.)	91.9	92.3	9.2
GE 4500		53.3	72.4	81.9	87.0	88.5	91.0	91.9	92.3	3.5
SE 4600		54.T	72.3	52.6	87.5	39.2	91.7			· 33.
GE 3500		54.1	72.9	82.5	37.8	89.5	91.9	92.9	93.2	93.
SE 3000		54.3	73.1	83.1	33.3	90.0	92.5	93.4	73.3	94
3- 3-000	J , • ,	17 . 3	13.1	03.1	20.0	70 a J	76.7	7 ) <b>• ⁴</b>	73•3	, ,
SE 2500	35.5	54.5	73.4	83.4	39.6	90.3	92.3	93.8	74.1	74
SE 2000	35.6	54.7	73.5	83.5	38.7	90.4	32.9	93.9	94.2	94
7F 1300	35.5	54.7	· 5 <sup></sup>	33.5	83.7	90.4	72.9	73.9	74.2	7.74
GE 1500	35.7	54.9	13.7	83.7	88.3	90.6	93.1	74.1	94.4	94
ST 1200	35.7	54.0	73.7	33.7	89.0	90.3	93.2	94.2	94.5	24
0 1000	39.7	54.9	73.9	34.0	39.6	91.3	93.3	34.7	95.1	95,
(F 300		54.9	73.9	84.0	37.0 39.7	91.4	93.9	94.3	95.2	95
3E 300		55.1	74.0	54.5 5/.1	39.8	71.5	94.0	94.9	75.3	35
GE 700		55.1				91.5	94.0	34.3 34.9	95.3	95
			74.0	34.1	89.3			-		
GE 600	35.9	55.5	74.4	84.5	90.,2	91.9	94.4	95.4	95.7	95
ST 500		55.5	74.4	34.5	90.2	92.2	94.5	95.6	95.9	<b>7</b> 5
GE 400		55.5	74.5	85.1	91.2	93.1	95.7	96.9	97.2	97
GE 300		55.5	74.3	35.4	91.6	93.5	95.I	77.3	97.7	<b>ा</b> मु
GE 500		55.5	74.3	85.4	31.7	93.7	95.2	77.4		9 d
3E 100	35.7	35.5	74.3	35.4	91.7	93.7	90.0	37.6	96 <b>.</b> 2	àά
5E 200	35.9	55.5	74.3	85.4	91.7	93.7	95.5	97.6	a <u>e.2</u>	98.
• • • • • • •		•								

## CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

461	LANDTAFE	3 LA			PERIOD MONTH:		ORD: NO	079 -	DCT 83	************		
••			STATUTE		• • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	
} `	GE 2 1/2	11 18 2	GĒ		G E	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	ĞE O	
• • •				• • • • • •	••••	• • • • • •	• • • • • • •			• • • • • •	•••••	
3	72.5	74.4	75.3	75.5	75.9	75.2	76.2	76.5	76.5	76.5	76.5	
5	79.3 79.3	32.0 52.0	92.9 92.9	33.1 33.1	33.5 83.5	83.9 83.9	83.9 83.9	84.2 84.2	34.2 84.2	84.3 84.3	84.3	
5	79.3	32.3	32.9	33.1	83.5	33.9	33.9	54.2	84.2		84.3	~
3	30.3	32.5	43.4	33.7	34.1	34.4	84.4	34.7	34.7	94.3	54.8	
4	32.2	34.4	35.3	85.5	85.0	35.3	86.3	86 <b>.7</b>	86.7	<u> १</u> ६ - १	36.3	
4	35.3	A7.5	33 <b>.5</b>	38.3		89.6	39.6	69.9			90.0	
7	35.1	33.5	99.4	39.7	90.1	93.4	90.4	90.3	90.8	90.9	90.9	<del></del>
7	98.1 9 <b>9.2</b>	9).5 90.5	71.4 71.5	91.7 91.3	92.2	92.5 92.6	92.5 92.6	92.8 92.9	92.8 92.9	92.9 93.0	92.9 93.0	
79 000	53 • 4	93.9	91.7	92.5	92.5	92.3	92.9	93.1	93.1	73.2	93.2	
				•	, •		,		<u>.</u>	,,,,		
Ų.	33.5	91.)	91.9	72.3	92.7	93.0	93.0	93.3	93.3		93.4	
Ü	48.5	91.0	31.9	92.3	92.7	93.0	93.0	93.3	93.3	93.4	93.4	
ı	39.2	91.7	92.7	23.0	93.4	93.9	93.9	94.1	74.1	94.2	94.2	
1	89.5	91.9	92.9	93.2	93.7	94.0	94.0	94.3	94.3	94.4	94.4	
) 3 7 7	90.0	92.5	93.4	73.3	94.2	94.5	94.5	94.8	94.8	94.9	94.9	
	90.3	92.3	93.8	94.1	94.5	94.3	94.8	95.2	95.2	95.3	95.3	
7	90.4	72.9	93.9	94.2	94.6	94.9	94.9	95.3	95.3	95.4	95.4	
7	90.4	92.9	73.9	74.2	74.5	94.9	94.9	95.3	95.3	95.4	95.4	
زز	90.6	43.1	74.1	94.4	94.3	95.2	95.2	95.5	95.5			
	90.3	93.2	94.2	74.5	94.9	95.3	95.3	95.5	95.5	95.7	9:.7	
, 7	91.3	93.3	24.7	95.1	95.5	95.8	95.3	96.1	96.1	96.2	95.2	
.7	91.4	93.9	94.3	95.2	95.6	95.9	95.9	96.2	96.2	96.3	96.3	
13	91.5	94.0	94.9	75.3	95.7	95.0	96.0	95.3	96.3	96.5	95.5	
:	91.5	04.0	94.9	95.3	95.7	96.0	96.0	96.3	96.3	96.5	96.5	
	91.9	94.4	95.4	95.7	96.1	96.5	96.5	96.8	96.3	96.9	96.9	
2	92.2	94.5	95.6	95.9	96.3	96.7	96.7	97.0	97.0	97.1	97.1	
2	23.1	95.7	96.9	97.2	97.6	98.0	93.0	98.3	98.3	99.4	98.4	
ر" -	93.5		77.3	97.7	98.2	98.5	93.5	93.9	73.7	99.3	99.0	
7 7	93.7	95.2	77.4	98.0	95.4	99.7	98.7	99.1	99.1	99.2	99.2	
ľ	93.7	90.0	37.6	98.2	79.5	99.3	99.5	99.5	99.5	99.8	99.9	
/	93.7	96.5	97.6	98.2	98.5	99.0	99.0	99.5	99.5	99.9	100.0	

OPERATING LOCATION "A" USAFETAC, ACHEVILLE NO

#### PERCENTAGE FREQUENCY OF JCCURRENCE T FROM HOURLY JOSERVAT

STAT	MOT N	UMBER:		LST	TO UTC	+ 6	AND AFB		•====		ري. ايد
CEIL	ING	GE	GF		GE	1		TY IN	STATUTE	MILES	• • 1
[5 FE			5	5 5	4	3		9 <u>E</u> 2		GE 1 1/4	
• • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • •
MO (	CEIL	13.1	29.4	40.0	50.1	59.0	61.4	54.5	46.2	65.7	4,
	20000 15000	14.2 14.2	32.3 32.3	43.9 43.9	55.1 55.2	64.3 64.5	55.8 67.3	70.1 70.3	71.7 71.9	72.2 72.4	7 1
	5000	14.2	32.3	43.9	55.2	64.6	57.1	77.4	72.0	72.5	7
	14000	14.3	32.5	44.3	55.6	65.1	67.6	71.0	72.5	73.0	7
GE 1	12000	15.5	34.3	45∙ଞ	53.4	68.4	71.1	74.4	76.0	75.5	7
GE 1	4200	15.5 17.2	37.6 37.0	49.0 50.4	61.3 63.2	72.2 73.7	74.3 76.3	7∜.5 3u.0	30.2 31.7	30.5	વં
SÉ	9000	17.5	35.1	52.3	65.4	76.5	79.2	52.7	34.5	- 32.2 - 35.1	3
βĒ	7000	17.5	36.1	52.3	65.4	76.5	79.2	23.0	34.3	35.4	c,
0.E	5000	17.5	38.1	52.3	65.4	76.5	79.2	≺3 <b>.1</b>	94.9	85.5	£
<b>S</b> ≘ 58	5000 4500	17.5 17.5	38.1 33.1	52.4 52.4	55.5 55.5	76.3 76.9	79.5 79.7	33.4 33.7	35.3 35.5	55.9 35.1	( .
GE	4000	17.5	35.4	52.8	56.1	77.5	30.4	84.4		35.9	3. 6
SE	3500	17.5	38.4	52.3	66.3	77.3	30.8	34.8	45.7	37.3	
GE	3000	17.7	38.5	53.1	55.7	78.2	91.1	35.2	97.0	<b>67.6</b>	75
SI Gl	2500 2000	15.3 18.3	30.7 30.9	53.3 53.5	56.9 57.1	73.4 78.6	81.4 81.5	55.7	87∙3 87•5	38.) 83.2	¥
6: 6:	1900	18.0	33.3	53 <b>.</b> 5	57.1	73.6	81.5	35.7	57.5	33.2	4
ζĘ	1500	18.2	39.2	54.3	68.1	79.7	82.7	96.8	38.5	89.2	7
65	1200	18.2	37.4	54.5	68.3	30.2	33.2	37.4	39.2	३७. व	9
SS Gr	1000 300	13.2 13.2	39.4 39.4	54.7 54.3	68.5 56.6	31.0 31.2	34.0 34.2	93 <b>.3</b> ย3 <b>.</b> 5	90.1 90.4	90.4 71.1	0.0
GE	300	13.2 [3.3	30.5	54.9	59.7	31.4	34.4	38 <b>.7</b>	90.5	71.3	. G
G.E	790	18.3	30.5	55.1	59.3	31.5	34.5	33.9	90.9	91.5	a
GE	500	10.3	39.5	55.3	69.2	92.2	°5.2	39.5	91.5	92.3	3
SF Sc		13.3	39.5	55.4	69.5	32.6	85.6	93.3	92.4 93.3		<b>3</b>
9 <u>0</u> 9 <u>5</u>	400 300		77.5 39.5				30.3	31.3 31.3	73.3 74.2	94.1	÷
GE.		18.3					95.7			94.9	3
ĞĒ	100	18.3				83.3		91.9		94.9	9
GE									94.2		

### - DENCY OF GOODRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY GREEVATIONS

<u> </u>	4		<b>MCMIH:</b>	405	สอบจระ					
LITY IN			• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	
			25	c z	c s	38	C #	ડહ	Sc	
. ر د		1 1/4						1/4	"	
		4/-	<del></del>				<del></del>		<del></del>	
• • • • • • • • • • • • • • • • • • •					• • • • • • •	•••••	• • • • • • •	• • • • • • •	••••	
~4.5	56.2	65.7	57.3	63.2	58.2	53.3	od.3	58.3	6F.6	
70.1	71.7	72.2	73.4	73.3	73.3	73.7	73.9	73.9	74.2	
70.3		72.4	13.7	74.0	74.0					
		72.5	73.3	74.1		74.2				
71.0	72.5	73.0	74.3			74.7				
74.4	76.0	76.5	77.7	73.1	74.1	73.2	73.2	73.2	70.5	
				• • •		• , •		. 342	,,,	
7 .5	30.2	30.5	<b>₹1.</b> ₹	82.3	32.3	52.4	92.4	32.4	82.7	
3.0		32.2			93.3	<b>53.</b> 9	43.9			
(2.0	34.5					~ 57. 5		37.5		
23.0	34.3	35.4	95.5		87.1		37.3		37.5	
-3.1	94.9	85.5	57.0	37.3						
		, ,	• •			, <b>, , ,</b>		• •		
13.4	37.3	35.9	57 <b>.</b> 3	97.6	37.6	87.3	37.9	97.3	53.2	
43.7		35.1	97.5	87.3	67.8	33.1	ქი.1	68.1	83.4	
×4.4		36.9	38.3	85.6	33.6	88.8			53.1	
.4.3		37.3		89.0			89.2			
15.2	97.0	37.6	23.0	37.4	39.4	39.6	99.6	89.6	39.9	
				. •		,,,,,,	, , • •	,,,,,		
د فرقا	37.3	3ძ∙ე	39.4	39.7	99.7	89.9	37.9	29.9	90.2	
85.7	97.5	83.2	89.6	39.9	59.9	90.1	90.1	90.1	90.4	
65.7	67.5			39.9	39.9	90.1	90.1	70.1	93.4	
56.3	38.6	87.2		91.0	91.0		91.2			
-7.4	39.2	87.9		91.6	91.6	91.8	91.8		72.2	
33.3	90.1	90.3	92.2	92.5	92.5	92.7	92.7	92.7	93.0	
53.5	9).4	91.1	92.5	92.8	92.9	93.0	93.0	93.0	93.3	
34.7	90.5	91.3	92.7		93.0	93.2			93.5	
२२, ३		91.5	92.9	93.2	93.2	93.4	93.4	93.4	93.8	
37.5	91.5	92.3	93.9	94.1	94.1	94.3	94.3	94.3	94.6	
99.3	32.4	93.5	94.5	94.9	94.9	95.2	95.2	95.2	95.5	
31.3	93.3	94.1	95.8	96.2	96.2	95.2 96.5 99.1	96.5	96.5	95.8	
21.2	74.2	94.9	95.8	97.5	97.5	99.1	98.1	35.2	98.5	
91.9	94.2	94.9	96.9	97.8	97.9	93.6	98.5	98.3	99.5	
91.9	94.2	94.9	97.0	58.0	93.0	93.8	98.8	99.1	99 3	
•			• •	• • •				. • •	• •	
21.3	94.2	94.9	97.0	98.0	98.0	95.8	98.8	99.1	100.0	
•										
1.3 1.2										

PERCENTAGE FYFOURNCY OF OCCURRENCE OF SERVATE

STATION N	IM (⊈ 5‡		LST	TO UTC:	+ 6					स्तुत् भूतुः
0.000.000	• • • • • •	• • • • • • •	• • • • • •	• • • • • •					411.73	• • •
CEILING	<b>C</b> ::	SE	SE.	2.0	5F \			PTUTATO		
IM ESET	7	\(\frac{\pi}{\pi}\)	5 5	4	3		⊋`. •	3º 1 1/2		
•••••		• • • • • • • •	••••						• • • • • •	•••
VE CEIL	3+.5	55.2	01.9	55.7	56.5	55.7	05.9	66.9	55.9	6
GE 20000	37.3	52.2	59.9	73.3	74.7	74.5	75.1	75.1	75.1	7
GE 19000	37.3	62.3	70.0	73.9	74.8	74.0	70.2	75.2	75.2	7 '
GE 15000	37.3	52.3	70.0	73.9	74.9	74.9	75.2	75.2	75.2	71
35 14000	33.2	52.5	70.3	74.2	75.2	75.3	75. >	75.5	75.5	7.
05 12000	39.4	74.3	72.5	75.7	77.7	77.3	73.1	73.1	72.1	7
6E 10000	41.)	57.1	75.7	30.0	31.1	51.2	31.4	31.4	31.4	<b>,</b> ;
SE 3000	41.5	51.7	75.5	30.3	31.3	31.9	22.3	52.3	32.3	4
GE 3000	43.1	73.2	79.2	93.7	34.9	35.1	35.4	35.4	35.4	انم
SE 7000	43.1	70.4	79.5	34.2	35.4	95.5	35.3	75.9	35.9	3.5
GE 5000	43.1	7).4	79.5	14.2	35.4	35.5	45.9	35.9	35.9	ė i
00 3503	12.4.	. , ,	, ,		, , , ,	, ,	,			Ç
SF 5001	43.2	70.5	79.7	34.4	35.6	35.7	55.1	36.1	35.1	3:
GE 4500	43.7	7).5	79.3	34.5	85.7	85.3	35.2	36.2	16.2	31
GF 4000	43.4	71.2	40.5	55.4	35.5	35.7	37.1	57.1	37.1	4.1
GE 3500	43.9	71.5	81.0	95.0	37.4	P7.5	o a . 1	⊣∂.1	3 ≈ 1	٠,٠
GF 3000	44.3	15.3	52.4	<b>37.</b> ৭	37.4	39.5	30.0	a).j	30.3	à.
GE <b>2</b> 500	45.1	73.0	33.0	38.1	39.5	39.7	93.2	90.2	90.2	· ·
35 200h	45.4	74.0	24.7	39.9	91.5	91.5	92.2	35.2	32.2	7
ST 1300	45.5	74.1	34.3	90.2	91.3	71.9	\$2.5 T	32.6	52	2
GE 1500	45.5	75.2	86.5	91.9	93.7	93.3	94.3	94.3	74.3	9:
GF 1200	45.3	75.8	87.4	93.0	34.7	94.3	95.4	75.4	75.4	G t
GF 1000	47.1	75.5	35.1	94.1	95.9	95.0	95.5	75.5	10.5	<del>)</del> !
GE 900	47.1	76.5	39.2	34.2	96.2	36.3	95.7	96.9	30.9	71
GE 300	47.4	76.9	33.7	94.3	97.0	97.1	77.7	97.7	77.7	· 3.
GE 700	47.5	77.0	38.9	95.4	97.9	99.0	98.7	98.7	99.7	9.
GE 600	47.5	77.1	39.0	95.6	93.1	98.2	99.9	99.0	99.0	91
GE 500	47.5	77.1	39.4	96.1	93.9	98.9	99.3	99.3	99.3	g c
GS 400	47.5	77.1	39.4	96.1	93.5	98.9	99.3	99.8	39.9	10:
GE 300	47.5	77.1	29.4	96.1	93.3	75.9	99.3	97.3	30.0	TO
GE 200	47.5	77.1	89.4	96.1	98.8	98.9	99.8	99.9	99.9	101
	47.6		39.4	96.1	98.8	98.9	99.8	99. P	93.9	100
65 666			30.4	24.	01 0	30.0	0) )	10.0	20. ()	101
65 000		77.1								

TOTAL NUMBER OF DESERVATIONS 930

# FINE ENTAGE EREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

) :

SL	PEA CHA	Li	· - ·		001839 HIVDY	_	วิถัง: Y HOURS:	9V 75 - 99-11	0 <b>01</b> 33		
۰.	ISIBILI		STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••
	3F 2 1/2	3 E 2	JE 1 1/2	35 1 1/4	38 1	GE 3/4	G€ 5 <b>/</b> \$	Gr 1/2	GF 3/8	GE 1/4	نان ش
					• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • •
	55.7	05.9	66.9	65.9	66.9	56.9	56.9	66.9	66.9	66.9	56.9
	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
ł .	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
	75.3 77.3	75.5 78.1	75.5 78.1	75.5 7°.1	75.5 74.1	75.5 73.1	75.5 78.1	75.5 79.1	75.5 78.1	75.5 75.1	75.5 76.1
	11.	1 7 • 1	1311	1 • 1	1 ~ • 1	1 > 1	(2.1	1 , • 1	13.1	1011	<b>€</b> * • <b>±</b>
	51.2	31.4	31.4	31.4	व1.4	31.4	31.4	81.4	51.4	n1.4	01.4
i	31.9	02.3	32.3	32.3	32.3	32.3	32.3	92.3	32.3	32.3	42.3
ł	35.1	35.4	55.4	35.4	45.4	85.4	85.4	55.4	95.4	35.4	e5.4
	95.5	55.3	35.9	35.9	85.9	35.9	€5.9	35.9	વ5 • વ	35.9	35.9
}	35.5	35.9	35.9	45.9	65.7	35.9	45.9	35.9	35.9	95.7	35.9
	35.7	35.1	36.1	35.1	35.1	86.1	86.1	35.1	36.1	36.1	85.1
	35 <b>.</b> 3	35.2	36.2	16.2	35.2	85.2	35.2	85.2	55.2	35.2	55.2
}	35.7	37.1	57.1	37.1	37.1	87.1	87.1	57.1	37.1	47.1	57.1
	27.5	98.1	88.1	38.1	59.1	59.1	98.1	39.1	49.1	98.1	38.1
	39.5	90.0	90.0	90.0	90.5	9).0	90.0	90.0	90.0	90.7	90.0
	39 <b>.7</b>	93.2	90.2	90.2	90.2	90.2	90.2	93.2	90.2	90.2	90.2
	71.5	92.2	92 <b>•</b> 2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	71.9	72.5	32.5	92.5	72.5	92.5	92.5	92.5	92.5	92.5	92.5
	93.3	94.3	94.3	94.3	94.3	94.3	34.3	94.3	94.3	34.3	34.3
Í	94.3	95.4	05.4	95.4	95.4	95.4	95.4	75.4	95.4	95.4	95.4
	96.0	95.5	96.6	Jo.5	76.5	95.5	96.6	96.6	96.6	96.6	95.6
ŀ	96.3	95.7	96.9	90.9	76.9	96.9	96.9	95.9	96.9	96.9	95.9
	97.1	37.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
ļ	98.0	98.7	98.7	99.7	94.7	99.7	98.7	98.7	98.7	98.7	98.7
	93.2	29.2	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	98 <b>.9</b>	99.3	97.8	99.3	99.9	99.9	99.9	99.9	99 <b>.</b> 9	99.9	99.9
	98.9	97.3	99.8	79.9	100.0	100.0	100.0	100.5	100.0	100.0	100.0
	95.9	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	93.9	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	78.9	93.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[''		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •

OPERATING LOCATION "A" USAFFTAG. ASHTVILL- NO PERCENTAGE FREQUENCY OF BOOURRENCE EKIM HOURLY TRAFERYA

STATION NUMBER: 747540 CARTAR PROBLEM PRITATE LST T3 UTC: + 6

		• • • • • •								
٥É	ILING					• • • • • • •		11V 1V	STATUTE	******
	IN	Sē	G.C	GE	GF	G.F.	GE	SE		
F	TE 1	7	5	5		3			GF 10	SE
	• • • • •	• • • • • •						٠	1 1/2	1 1/4
						• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • • •
47	CEIL	35.9	77.7	53,5	64.4	65.3	45.3	65.3	55.3	65.3
	20000	44.5	54.9	75.4	76.7	77.1	77.1	77.1	77 1	72.4
	13000	44.9	53.4	75.3	77.1	77,5	77.5	77.5	77.1	77.1
53	15000	45.1	カオ・カ	15.5		77.6	77.0	77.5	77.5	11.5
3=	14000	45.5	73.3	75.3	73.1	73.5	78.5	73.5		77.6
GE	12000	45.9	71.4	78.3	79.6	a0.0	30.0		-	75.5
				. , ,	• /• 3	9.9	19.5	40.0	30.0	49.3
35	10000	43.5	74.3	21.0	32.3	82.7	92.7	22.7	92.7	22.2
GE	9000	44.7	74.3	31.5	83.0	33.4	93.4	03.4		22.7
? <del>.</del> =	3000	49.5	75.3	33.2	54.3	35.5	35.5	35.5	33.4	33.4
ĢĘ	7000	49.5	75.3	13.5	45.2	35.9	33.9	55.9	45.6	35.5
35	6903	49.5	76.5	€3.3	35.4	95.1	36.1	~5.1	35.9	35.7
						, , , ,	, O • 1	~7•1	95.1	25.1
S =	5000	49.7	76.7	34.2	35.4	36.6	36.5	15.5	34 (	37.7
SE	4500	47.7	75.7	34.4	45.0	85.8	35.3	65.3	46.5	35.5
Ç.	4000	53.3	77.7	35.5	37.1	37.3	37.3	37.5	35.3	34.4
50	2500	51.0	19.2	37.1	33.9	39.7	89.7		₹ <b>7.</b> }	37.3
ទទ	3000	52.7	32.5	91.2	93.3	94.2	94.2	39.7 94.4	39.7	99.7
				/ <b></b> .	,,,,,		44.2	44.4	94.5	94.5
GE	250o	53.7	33.5	92.5	94.5	95.6	95.6	95.9	37.1	٠. ١
36	2000	54.2	34.3	13.7	95.3	96.8	97.1	47.5	96.1	95.1
5	(BOJ)	54.7	34.3	73.7	75.3	95.8	97.I	77.5	97.7	27.7
GH	1500	54.5	34.7	74.4	76.5	97.8	99.2			77.7
C =	1200	54.7	34.3	94.5	96.3	93.1	99.5	98.9 98.9	Э3.8	93.3
				, , ,	,,,,	/ ) • I	7943	25.9	99.1	) 7 . 1
GΞ	1000	54.7	74.3	94.5	96.9	93.2	98.6	99.0	99.2	22.2
GE	900	54.7	. H	74.7	27.2	93.5	93.9	93.4		79.2
4	700	54.7	54.5	74.7	77.2	93.5	93.9	97.4	99.5	23.5
G.F.	700	54.7	ध4.9	74 • 7	97.2	93.5	99.0	97.5	79.6	77.5
GE	500	54.7	84.3	94.7	97.2	93.5	99.0		99.7	39.7
					, , , , ,	, , ,	77.0	99.5	39.7	39.7
ŝE	500	54.7	35.1	94.9	97.4	98.7	99.2	99.7	99.9	20.0
GF	400	54.7	35.1	94.9	97.4	98.7	99.2	99.7	- ·	39,9
GE	300	54.7	35.I	74.9			99.2	77.1	93.9	39.3
SE	200	54.7	85.1	94.9	97.4	93.7	99.2	99.7		37.9
GE	100	54.7	35.1	94.9	97.4	98.7	99.2		99.9	79.9
				<b>-</b> -	, . • ,	/ W # 1	1166	77 • 1	99.9	99.9
GE	000			94.9	97.4	98.7	99.2	99.7	79.7	99.9
						• • • • • •	• • • • • •	• • • • • •	•••••	

CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUSELY DISSERVATIONS

SGLA L	TA CP.	i LA			PERIJO MONTH:	DE RECT	วิชอ์: ผ สอบสระ		JCT BR		•
v I	SIBIL	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
	GE	SE	GF	GE		GE	GE	GF	SE	GE	GE
	2 1/2		1 1/2	1 1/4	<u> </u>	3/4	5/4	1/2	3/3	1/4	)
• • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • •
3	45.3	55.3	55.3	65.3	55.3	55.3	65.3	55.3	65.3	55.3	55.3
	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
•	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
}	77.5	77.5	77.6	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.5
5	78.5	<b>7</b> 3.5	78.5	7੪.5	78.5	73.5	78.5	73.5	78.5	73.5	73.5
į.	30.0	30.0	0.08	90.0	80.9	90.0	80.0	30.0	30.0	30.2	30.0
,	22.7	P2.7	92.7	32.7	82.7	82.7	32 <b>.7</b>	82.7	82.7	22.7	82.7
,	33.4	63.4	93.4	33.4	33.4	83.4	33.4	83.4	33.4	83.4	33.4
	35.5	35.5	35.6	35.6	45.5	85.6	85.5	85.5	35.6	05.6	65.5
•	35.9	95.9	35.9	35.9	35.9	85.9	55.9	35.9	35.9	15.9	ა5.9
	36.1	85 <b>.1</b>	86.1	85.1	85.1	35.1	96+1	35.1	96.1	₹6.1	36.1
<u> </u>	35.5	35.5	36.6	35.5	25.5	36.6	86.6	95.6	36.6	36.6	96.6
	35.3	05.3	35.3	36.3	35.8	96.8	36.3	85.3	85.8	56.B	35.A
•	37.3	37.3	37.3	37.5	57.3	87.3	37.8	<del>37.3</del>	87.3		37.3
}	32.7	39.7	39.7	39.7	39.7	89.7	99.7	39.7	39.7	59.7	39.7
	94.2	94.4	94.5	94.5	94.5	94.5	94.5	74.5	94.5	94.5	94.5
ĺ	25.4			<b>A</b> . •							
•	95.6	95.9	96.1	96.1	96.1	96.1	95.1	96.1	96.1	96.1	96.1
F	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	37.7	97.7
5	97.I	<b>97.</b> 5	97.7	77.7	77.7	97.7		97.7	97.7		97.7
l	<del>3</del> 3.2	93.5	98.8	<del>9</del> 3.8	98.5	98.8	98.3	93.9	98.9	98.9	98.9
ķ	99.5	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
	93.6	99.0	99.2	79.2	99.2	99.2	99.2	99.4	39.4	99.4	99.4
1	98.9	97.4	99.6	29.5	994.5	99.6	99.6	99.7	99.7	99.7	99.7
	93.9	99.4	79.6	99.5	99.6	99.6	99.6	99.7			99.7
į	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.3	99.3	99.8
	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.3	99.3	79.3
,	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
ì	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
ì	99.2	99.7	99.9	79.9	9,9	99.9	99.9	100.0	100.0	100.0	100.0
ļ	99.2	99.7	99.9	79.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.2	99.7	99.9	99.9	99.9	79.9	99.9	100.0	100.0	100.0	T00.5
1	1746	7741	77•7	7747	7707	7747	フフ・フ	100.0	100.0	100.0	100.3
ì	99.2	33.7		99.9			99.9			100.0	
1	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •

するとう はなででし さんいれていれずかつ

PERCENTAGE FREQUENCY OF BECORRENCY OF BECKETAGE FREQUENCY OF BECKETAGE FREQUENCY BASERVATION

STATION	NJM3CX:	747540		TO UTC		LAND AFE	LA			그리고 [ 역기학1
CEILING	• • • • • •	• • • • • • •	. 1	• • • • • •		/15131L1				• • • •
IN	G e		SE		SE		9£	5.7	Q.F	ĵ,
FETT.	7	5	5	4	3			1 1/2		
• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • •
NO CEIL	29.7	40.5	51.5	53.7	54.0	54.1	54.1	54.1	54.1	54,
GE 20000	42.7	54.2	79.0	72.2	72.5	72.5	72.5	72.6	77.5	72.
GE 13000	43.3	54.5	77.3	72.5	72.H	72.7	72. )	72.9	12.	7 ? .
GF 16000	43.7	64.5	72.3	72.5	72.8	72.9	72.7	72.3	72.3	72.
SE 14000	43.3	55.5	71.3	73.4	73.3	73.9	73.7	73.9	73. +	7 3.
GE 12000	45.2	57.7	74.1	76.2	76.5	75.7	75.7	16.7	75.7	7 b
35 10000	47.5	71.7	73.2	80.5	30.9	81.)	E1.3	0 • 1 د	31.7	1
35 9000	43.3	72.5	79.1	31.5	31.8	31.9	ਰ1.9	31.9	31.)	11.
SE 3000	50.4	75.7	43.4	35.5	85.9	37.0	97.0	37.0	37.5	<b>77</b> .
65 7000	50.5	77.2	84.1	37.2	37.5	07.7	47.7	37.7	07.7	٢٦.
GE 6000	50.3	77.4	<b>84.3</b>	37.4	37.8	88.0	8°.3	48 <b>.</b> 7	१३.७	34
SE F000	50.7	77.5	34.4	37.5	33.1	38.2	33.2	35.2	33.2	ુ ન
65 4500	50.4	77.5	34.4	37.5	83.1	98.2	33.2	53.2	34.2	د ز
GE 4000	51.7	78.5	35.1	89.5	39.9	90.2	90.2	50.2	97.2	95
GE 3500	52.5	30.2	€9 <b>.7</b>	92.2	72.7	93.0	93.0	93.0	93.0	63
GE 3000	54.1	52.5	91.7	95.3	96.0	96.3	35.3	95.3	75.3	94
SE 2500	54.5	33.5	92.7	95.3	97.2	97.5	97.5	77.5	37.5	77
GE 2000	54.5	<b>23.</b> 3	93.0	75.3	97.7	93.2	98.3	93.4	74.4	글램,
GE 1300	54.5	33.8	93.0	95.3	97.7	78.7	39.3	799,4	93.4	9:
GE 1500	54.3	94.0	93.2	97.0	93.1	98.5	98.5	79.7	79.7	<b>⋾</b> ९,
GE 1200	54.9	34.2	93.4	97.2	98.3	98.7	94.0	78.9	98.9	90.
GE 1000	54.3	34.2	93.4	27.2	93.5	96.9	99.0	99.1	99.1	44,
SE 900	54.7	34.2	93.5	97.3	93.7	99.1	99.2	99.4	93.4	93
GE 300	54.9	34.2	93.5	97.3	93.9	99.2	99.4	99.5	99.5	90
GE 700	54.9	34.2	93.5	97.3	98.3	99.2	99.4	79.5	99.5	dò
GE 600	54.9	34.2	93.5	97.3	98.8	99•2	99.4	99.5	99.5	99
9E 500	54.9		73.5	97.3	93.8	99.2	99.4	99.5	99.5	99
65 400	54.9	34.2	93.5	97.3	93.8	99.2	97.4	79.5	97.5	3.3
GE 300		84.7	93.5	97.3	-	99.2	99.4	39.5	30.5	99
GF 200			93.5	97.3				99.5	99.5	39
GE 100	54.9	84.2	93.5	97.3	93.8	99.2	99.4	99.5	99.5	93
35 000	-	34.2	93.5	97.3	98.8	99.2	49.4	99.5	99.5	99
										• • • •

FROENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY UBSERVATIONS

্যদ্ভ। গ	LAND AFE	LA			PERTIDO MONTH:		DRD: N	ϽV 73 - 15-17	त्रदा हु		
· · · · · · · · · · · · · · · · · · ·	/15131L1	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
G.	GT 2 1/2	35	95 1 1/2	GE 1 1/4	35 1	GE 3/4	GE 5 <b>/</b> 9	€2 1/2	GE 378	3€ 1/4	3 <u>.</u> 3
	٠				• • • • • •			• • • • • •	• • • • • •		<del></del>
								<i>-</i> . •	c., •	<i>.</i> .	<i>-</i> .
•• )	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
2.5	72.5	72.5	72.6	72.5	72.5	72.5	72.6	72.5	72.6	72.5	72.5
<b>ે</b> • વ	72.7	7?. →	72.9	12.9	72.9	72.9	72.9	72.9	72.9	72.7	72.7
2.3	72.9	72.9	72.9	72.9	72.9	72.9	72.7	72.9	72.9	72.9	72.0
3.H	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
5.5	75.7	75.7	76.7	75.7	75.7	75.7	75.7	75.7	75.7	76.7	76.7
5.9	31.0	81.0	31.0	31.0	B1.0	81.0	31.0	61.0	31.0	31.0	81.0
<b>1.</b> • ≥	31.9	31.9	31.9	31.7	31.9	31.9	31.9	31.7	31.9	51.9	51.9
5. ·	37.0	97.0	37.0	37.0	37.0	37.0	57.0	37.0	87.0	37.0	67.0
7.5	07.7		97.7	97.7	97.7	٩7.7	87.7	97.7	97.7	47.7	¤7.7
7.3	83.0	BA.0	88.0	93.0	35.0	35.0	33.0	38.0	83.0	3P • 0	38.0
, <b>1</b>	38.2	33.2	38.2	33.2	33.2	88 <b>.</b> 2	38.2	88.2	38.2	55.2	43.2
3.1	98.2	33.2	88.2	3ª.2	39.2	68.2	33.2	84.2	8a.2	63.2	BB.2
4.9	99.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2.7	93.0	93.3	93.0	93.0	93.1	93.1	93.1	93.1	93.1	73.1	93.1
p•0	75.3	95.3	96.3	96.3	95.5	76.5	96.6	96.6	96.6	76.5	36.5
7.2	97.5	97.5	97.5	77.5	97.8	97.8	97.3	97.3	97.3	97.8	97.3
7.7	93.2	98.3	98.4	79.4	98.6	98.6	98.6	98.5	98.6	93.5	98.6
7.7	78.2	39.3	98.4	93.4	98.5	79.6	93.5	33.6	38.6	98.5	98.5
3.1	92.5	28.5	98.7	98.7	98.9	98.9	98.9	73.9	98.9	78.9	98.9
• 3	98.7	94.ã	98.9	98.9	99-1	99.1	99.1	99.1	79.1	99.1	3° • 1
3.5	96.9	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3.7	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	93.7
3.3	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.2	99.3	90.5
3 3	99.2	94.4	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.8	99.8
न. ५	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	39.9	39.8
3∙ë	99.2	99.4	97.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9
3.83	99.2	99.4		77.5	99.7	99.7			99.9	99.9	99.9
3.65	09.2	99.4		99.5	99.7	99.7		39.9			99.9
3.3	99.2	99.4		99.5	99.7	99.7		100.0	100.0		100.0
3.3	99.2	99.4	99.5	99.5	99.7	99.7		100.0	100.5	100.0	100.0
ડ <b>.</b> ક	99.2	49.4	99.5	77.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0
			• • • • • • •		• • • • • •	• • • • • •		• • • • • •			• • • • •

OPERATING LUCATION MAM USAFETAC, ASHFVILLE NO

#### PERCENTAGE FREQUENCY OF OCCURRENCE FROM HUVELY 135-RVAT

STATION NUMBER: 747540 STATION NAME: ENGLAND AFR LA LST TO UTC: + 6 VISIBILITY IN STATUTE MILES CEILING ŝΞ Gέ 3 : IV FEET 1 1/2 59.4 53.4 NJ CEIL 51.0 55.3 59.2 50.4 59.4 57.4 35.9 47.5 75.3 72.3 35 20000 55.2 75.5 75.3 75.5 77. 1 75.0 75.9 7... SF 18000 47.7 55.3 72.9 75.7 75.9 75.9 75.) 35, 15000 47.5 55.5 73.0 75.3 75.0 75.0 75.) 75.0 10.0 49.2 76.9 GE 14000 57.1 73.3 75.5 75.3 75.3 75.4 75.3 40,6 79.0 90.0 GE 12000 30.9 75.3 30.0 91.9 30.0 80.) 35.2 10000 52.) 74.5 35.2 31.7 34.7 35.2 45.2 30.2 35.0 25.0 75.4 32.3 9000 52.7 35.3 G: 35.0 35.) 36.0 35 90.5 97.9 3000 73.2 35.3 70.7 73.4 40.3 54.5 90.9 91.3 91.3 91.3 54.4 91.0 91.3 ΘĒ 7000 7 .. . 5 37.2 91.3 91.4 54.5 79.7 GE 6000 37.3 91.1 91.4 91.4 91.4 71.4 91.2 91.5 31.6 38 5000 54.7 7-.3 37.4 91.6 91.5 91.4 50 31.7 74.0 91.5 4500 54.7 37.7 91.9 91.9 91.9 41.4 3 79.9 93.J 13.7 4900 55.2 33.9 93.5 73.5 43.5 13.7 95.5 95.5 35.9 90.5 94.3 95.5 45.5 35.5 GE 3500 31.5 27.0 SE 91.5 95.0 96.9 36.9 37.0 **56.7** 32.5 45.7 3000 30 32.3 2500 55.3 32.9 97.0 93.1 33.I 33.2 73.3 34.3 30 98.1 25.3 2000 52.3 97.3 95.2 13.3 55.3 32.3 98.1 97.0 93.1 1300 55.3 32.3 <del>32.3</del> 98.1 98.2 98.3 75.3 56.9 33.0 97.1 93.3 78.2 73.4 93.4 1500 92.4 93.2 GΞ 90.5 GF 93.4 93.4 98.6 75.6 1200 57.) 33.1 92.5 97.3 33.1 97.3 98.4 92.5 98.7 SE 1600 57.0 92.5 93.7 93.4 99.0 95.7 SE 900 57.0 93.7 93.9 97.0 32.8 37.s 33.137 57.5 37) 92.3 **97.7** 93.3 93.3 99.1 77.1 33.198.3 GE 700 57.0 93.1 99.0 99.1 92.3 97.7 93.3 98.3 99.1 CE 500 57.0 23.1 97.8 99.2 99.2 99.5 99.5 44.6 92.9 95 33.2 500 57.0 93.0 78.7 99.4 99.4 97.5 77.7 77.7 99.4 SE 400 57.J 33.2 93.0 38.0 97.4 99.5 47.7 99.7 33.2 99.4 49.4 97.5 98.0 79.7 99.7 Ċ GE 93.0 300 57.0 97.5 83.2 99.4 • GE 200 57.0 93.0 98.0 99.4 99.7 99.7

TOTAL NUMBER OF DESERVATIONS 930

33.2

33.2

93.0

93.0

98.0

98.3

1

1

(

GE

100

000

57.0

57.0

99.7

99.7

99.7

33.7

99.5

99.5

99.4

99.4

99.4

99.4

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

: + 5	LAND AFR	,			MONTH:		-10022:		ŰČŤ 83		
, , , , , , ,	visisili	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • •
SE	ĴΞ	5 L	3 E	GI	GE	SE	ĞE	GE	€.	GE	7.7
3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/3	1/4	"
• • • • • • •					••••				•••••		••••
53.4	59.4	50.4	59.4	59.4	59.4	59.4	39.4	59.4	59.4	59.4	50.4
75.3	75.s	75.3	<b>75.</b> 6	75.3	75.3	75.4	75.3	75.3	75.8	75.8	75.3
75.9	75.9	75.7	75.9	75.9	75.3	<b>7</b> 5.9	75.7	75.9	15.9	75.9	75.
75.3	75.Ò	75.5	76.0	15.0	75.0	75.0	76.0	75.0	76.7	76.0	75.0
76.3	76.9	75.3	75.3	75.3	76.3	75.₽	76.3	75.€	75.3	76.8	76.8
40.0	90.0	90.0	30.0	0.08	80.0	30.0	30.0	30.0	20.0	30.0	30.0
35.2	45.2	35.2	35.2	35.2	35.2	35.2	55.2	a5• <b>.</b> 2	35.2	c5.2	85.2
35.0	36.0	85.0	35.0	36.0	35.0	P5.0	36.0	85.0	85.0	85.0	35.)
90.9	90.9	93.3	90.9	90.9	70.9	90.9	90.9	90.9	90.9	90.9	90.9
91.3	91.3	91.3	91.3	91.3	21.3	91.3	91.3	71.3	71.3	71.3	91.3
91.4	91.4	91.4	91.4	31.4	91.4	91.4	91.4	31.4	11.4	91.4	71.4
91.6	91.5	91.5	91.6	91.6	91.5	31.6	<b>91.</b> 5	91.6	91.5	91.5	91.5
21.9	91.9	31.9	91.9	91.4	91.9	91.9	91.9	91.9	91.9	91.7	91.1
93.5	93.5	93.5	73.7	73.7	73.7	93.7	7 3 . 7	93.7	93.7	93.7	73.7
95.5	95.5	95.5	95.5	25.5	95.5	95.6	95.5	75.6	95.5	95.5	75.5
26.8	96.9	45.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
93.1	93.1	93.2	₹9 <u>8.3</u>	98.3	99.3	93.3	98.3	93.3	98.3	93.3	98.3
93.1	98.1	93.2	98.3	78.3	98.3	98.3	98.3	93.3	98.3	99.3	45.3
93.1	98.1	95.2	98.3	73.3	- 73.3	98.3	98.3	98.3	98.3	70.3	48.3
93.2	78.2	93.3	38.4	93.4	98.4	93.4	99.4	98.4	98.4	28.4	78.4
32.4	08.4	96.5	98.6	38.6	93.5	98.6	98.6	38.6	98.6	93.6	98.5
93.4	98.4	90.5	93.7	98.7	48 <b>.</b> 7	98.7	93.7	93.7	98.7	96.7	35 <b>.7</b>
93.7	95.7	93.9	99.0	99.0	99.1	99.1	99.1	97.1	99.1	27.1	99.1
73.3	98∙3	97.5	99.1	39.1	99.2	99.2	<u> </u>	99.2	99.2	99.2	99.2
99.3	98.8	99.0	99.1	99.1	99.2	99.4	79.4	99.4	99.4	39.4	99.4
39.2	99.2	97.5	99.6	99.6	99.7	99.8	99.3	99.8	99.9	99.9	30.8
99.4	99.4	97.6	97.7	99.7	99.9	99.9	99.9	99.9	99.9	99.3	99.9
97.4	99.4	97.5	99.7	99.7	99.8	99.7	99.9	99.9	99.9	99.9	99.9
93.4	99.4	77.5	99.7	99.7	99.8	99.9	79.9	100.0	100.0	100.0	100.3
99.4	99.4	97.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
79.4	99.4	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
99.4	99.4	99.5	99.7	99.1	99.3	99.9	29.9	100.3	100.0	100.0	100.0

OPERATING LOCATION "A" USAFETAC, ASTRVILLE NO

## PERCENTAGE FREMENCY BE JOSURPHNO EXHAUSE MAJULEY 1355FAV.

STATION NUMBER: 747540 STATION NAME: ENGLAND AFF LA LST TO UTC: + 6

			C 31	13 010	• • •					
0.71.746	• • • • • •		• • • • • •	• • • • • •	• • • • • • •	**************************************	• • • • • • • • • • • • • • • • • • •			•
CEILING						AISIBIL				
1.1	GB	;;	9E	G €		ÜĿ				
PEET	7	٠,	5	4	3	2 1/2	2	1 1/2	1 1/4	,
• • • • • • • •										
NO CEIL	35.0	70.0	76.0	78.0	73.4	78.4	7 4	73.4	74.4	
13 O. IL	· / • L	• • •	1 3 1 3	. , .		• • • •	, , ,			
C= 33033	65.3	75.3	24. 4	9 <b>7 3</b>	32.0	32.5	J. N			
99 2000)	50.3		-34.4	37.3	33.0	33.0	₹5 <b>.</b> )	33.0	10.0	
SF 1400)	23.3	75.4	24.4	37.3	83.0	33.0	4 . )	चय• 0	- 1.0	
GE 15000	59.2	70 · 2	34.4	37.3	33.0	83.0	H	-4 <b>.</b> €	43.0	
SE 14000	59.5	77.1	<sup>2</sup> 4.7	37.5	99.3	<b>93.3</b>	ु∺्व	υp. 3	रेल्• के	
S= 12000	50.1	77.7	55 <b>.7</b>	48.5	27.2	39.2	99.2	49.7	30 🔭	
39 10000	61.4	40.2	53.5	91.5	42.2	92.2	12.3	35°5	22.2	
51 9000	61.7	4,3	37.3	92.)	12.9	72.7	92.3	12.0	12.1	
ာ်မှ ချစ်စုံ	52.4	12.2	91.1	24.3	25.2	25.4	) -	75.2	76.7	
		32.3								
95 <b>7</b> 000	52.5		91.4	94.5	95.5	75.5	95.5	95.5	34.3	
6E 5000	52.5	12.5	91.5	94.5	75.7	95.7	35.7	75.7	75.7	
14 <b>5</b> 000	52.5	23.5	91.5	74.5	95.7	45.7	35 • 7	35.7	1 . 7	
GT 4500	50.0	23.3	71.3	95.1	75.9	95.9	95.9	95.9	33.3	
35 4000	52.4	33.7	73.0	95.5	97.3	97.3	97.3	37.3	37.3	
35 3500	53.3	14.4	93.9	77.4	73.3	99.3	93.3	99.3	33. a	
GE 3000	53.3	34.5	94.0	97.5	93.5	93.6	3 5	രച്ച്	32.6	
		, •	, , ,		, , ,		•	• •	•	
GE 2500	53.3	34.5	94.5	97.5	93.7	29.7	90 <b>.7</b>	98.7	75.7	
67 2000	53.4	34.5	74.0	37.6	93.4	98.4	94.5	વેકે વ	,,,	
						-			-	
	43.7	34.7	74.3	78.5	77.1	79.1	da* <u>I</u>	37.1	77.1	
03 <b>1</b> 500	51.7	역4 . 전	94.3	38.2	93.4	49.4	33.4	91.4	33.4	
SE 1203	53.7	54 · H	94.3	99.3	99.5	99.5	39.5	19.5	33.5	
GE 1000	63 <b>•</b> 7	34.5	94.3	9 <b>≗.</b> 3	99.5	99.5	39.5	99.5	33.2	
GE 900	63.7	14.9	94.4	98.5	<b>39.</b> 3	99.3	94.3	73.5	99.5	
5T 300	63.7	34.3	74.4	98.5	99.3	79.3	93.37	77.5	99.8	
SE 700	53.7	34.9	34.4	38.5	99.3	37.3	99.5	77.5	99.9	
GE 500	53.7	34.9	94.4	93.6	100.0	100.0	100.0	100.0	100.0	1
300	19 14 <b>4</b> 7		7767	<i>y</i> , • •	( ) 3 ( 3	15010	1. 3.3	1000	10,,03	^
GE 500	53.7	34.7	94.4	98.6	100.0	100.0	100.0	100.0	100.0	1
			-		_					
	63.7	94.9	94.4	93.6	100.0	100.0	100.0	100.0	100.0	1
SE 350	63.7	34.7	94'.4'	78.5	100.0	100.0	100.0	100.0	170.7	I
300	53.7	34.9	34.4	93.6	100.0	100.0	100.0	100.0	100.0	1
GE 100	53.7	34.9	94.4	98.5	100.0	100.0	100.0	100.0	100.0	1
GE 000	53.7	34.2	94.4	98.5	100.0	100.0	100.0	100.0	100.0	1

TOTAL NUMBER OF DESERVATIONS 930

#### PROCENTAGE FREDUENCY OF BOCURRENCE OF CITLING VERSUS VISITILITY FROM HISBURY DESERVATIONS

PRRIMO OF RECORDS: NOV 78 - OCT 38 : ENGLAMD AFH LA MONTH: AUG HOURS: 21-23 VISIBILITY IN STATUTE MILES 36 36 36 36 36 2 1/2 2 1 1/2 1 1/4 1 3/4 35 Ĵ٤ 1/2 1/4 5/3 3/3 78.4 75.4 74.4 77.4 78.4 73.4 7-1-4 70.4 70.4 79.4 14.4 1. O 41.0 31.7 11.0 35.0 و جاء 33.0 40.j 33.0 44.0 34.0 ٦٠٠) 8.8 g 44.0 B3.0 45.) 44.0 4-.3 90.0 → **.**) 53.3 33.0 .;....J . . . . . j 45.0 83.0 33.0 53.0 :3.0 83.0 H\_.) 49.0 43.7 43.0 38.0 59.0 00.3 PH.3 43.3 : 1.3 93.4 5× 3 A .. . 3 40.3 38.3 35.3 36.3 37.3 39.2 39.2 و ، ۹۵ 49.2 w3.2 39.2 20.2 09.2 39.2 23.2 39.2 , 22, 2 72.2 12.2 16.2 33.5 92.2 92.3 92.2 92.3 92.2 92.2 97.2 92.1 11.0 92.7 72.7 92.) 92.0 92.9 12.7 92.9 72.7 72.3 92.3 33.2 15.2 35.2 95.2 15.6 95.2 95.3 45.2 95.2 35. 2 35.2 35.2 95.5 30.5 25.5 75.5 95.5 95.5 75.5 95.5 75.5 75.5 35.5 75.5 35.7 · . 7 25.7 25.7 75.7 95.7 35.7 75.7 75.1 35.7 75.7 95.7 15.7 15.7 95.7 95.7 95.7 35.7 15.7 75.7 95.7 75.7 33.7 35.7 95.9 95.9 95.9 13.3 35.7 15.3 95.9 15.9 35.3 35.9 45.4 15.1 97.3 27.3 97.3 37.3 37.3 07.3 97.3 97.3 97.3 97.3 77.3 97.3 99.3 33.3 22.3 98.3 12.3 വല ഭ 11.3 95.3 74.3 93.3 93.3 78.3 04.5 74.5 93.6 98.5 79.5 93.6 1 ...5 33.6 94.6 39.5 93.5 35.6 13.7 93.7 29.7 93.7 98.7 32.7 23.7 38.7 93.7 73.7 38.7 98.7 71.5 93.5 1) " 38.3 99.3 ),,⊲ 98.3 93.3 78.3 94.3 93.3 48.3 97.1 प्य. र 77.I - 77.1 77.1 77.I 77.1 77.1 99.1 97.1 97.1 99.1 22.4 93.4 97.4 27.4 99.4 97.4 99.4 11.4 49.4 3.3.4 77.4 99.4 99.5 199.5 19.5 39.5 99.5 77.5 37.5 99.5 77.5 99.5 29.5 09.5 30.5 39.5 99.5 39.5 99.5 99.5 17.5 93.5 79.5 99.5 99.5 19.5 94.3 99.5 77.3 99.5 93.3 77.3 47.5 99.3 → 4 99.3 44.4 97.3 99.3 79.5 13.3 77.5 97.9 77.3 99.5 99.3 99.3 93.3 97.3 43.3 33.3 99.3 99.5 77.5 99.3 79.3 99.3 97.8 99.3 99.3 49.3 77.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.3 100.0 100.0 :00.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Ing. 3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1000 100.) 100.0 C.OCI 100.0 100.0 100.0 100.0 100.0 100.0 100.0 201.0 100.0 100.0 100.0 100.0 100.0 100.0 100.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

3 - 2 - 71

. . .

. . . . . . . .

PERCENTAGE FREQUENCY OF POSTIPPINGE S FROM HOWLEY DIS VENTE

STATION NUMBER: 747540	STATION NAME: ENGLAND AF5 LA	,
	LST TO UTC: + 6	.4

				1:1 010						•
5571 736	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •						• • •
CHILING				• ~	2.5	A1213171	1 4 17	STATUTE	71L 5	
I N	Gr	J.	5.1	G.F.	<b>3</b> f.	2 -	ر	1 .	ή.	
F F ∃ T	7							1 1/2		
• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •			• • • • •		• • • • • •	
MD CEIL	15.4	57.4	60 <b>.</b> 3	<b>55.</b> 0	57.1	67.6	€ · • 3	<b>5</b> Ω • 5	5-2.7	′
31 50000	41.0	51.0	70.5	75.2	77.4	75.1	7 1 . 7	7 3 . 5/	79.1	ï
SF 14900	41.1	41.1	70.6	75.3	77.6	75.1	7 🥫 🤌	77.2	79.3	?
37 16000	41.2	51.1	77.7	75.3	77.6	73.2	7 }	73.2	79.3	?
Se 14000	41.5	61.6	71.2	75.7	73.2	79.3	77.5	79.3	79.4	
SE 12000	42.5	63.2	73.1	77.9	2.).3	30.9	:1.7	92.0	12.1	,
) . IE 30 ;	12.	/3 • =	, , ,	, , ,	,,,	,5 • ,	, <b>, , ,</b> ,	• • •	. • 1	
3: 10000	44.1	55.7	75.2	₹1.3	<b>33.</b> 3	34.3	1	69.5	\$ <b>-</b>	
38 9333	44.5	53.5	75.7	32.1	_			. 4		
					94.7	30.2	.5.1		وه و افرز	
SE 9000	45.6	58.4	79.4	84.9	37.7	38.3	19.1	~9·4	4 13	
GE 700 J	ت• ر •	5 ° • • •	79.7	35.2	33.0	33.5	19.4	49.0	37.7	- 3
SF 5000	45.7	63.7	79.3	85.3	3.0 • 1	∃₽•7	**	19.7	→2.1	*1
3	, ,		70.3							
77 500)	40.7	53.	79.9	35.5	33.3	35.3	31.4	; \ 1	10.3	•
GE 4500	45. 3	63.9	30.1	35.5	33.4	69.0	3 <b>3 . 3</b>	22.3	4 , . 4	*
SE 4000	45.2	57.5	31.0	96.7	39.5	90.2	91.1	91.5	31 • n	•
SE 3500	45.5	70.3	52.0	37.3	20.3	91.4	42.3	12.7	32.3	į
SE 3000	47.2	71.4	33.3	39.3	92.3	93.0	57.3	94. A	34.4	4
250)	47.5	71.7	33.5	39.3	92.9	73.5	34.0	30.0	15.1	
- 9° - 2000	47.5	72.0	34.3	90.3	93.4	94.2	33.3	35.5	₹5.7	:
SE 1900	47.5	72.1	24.3	90.4	93.5	94.2	3ª.3	95.7	45.3	.;
GE 1500	47.9	72.4	34.3	91.0	94.2	94.9	95.J	25.3	3 W * E	;
SE 1200	44.0	72.6	25.0	91.2	94.5	75.3	90.3	35.7	35.4	•
9º 1000	49.1	72.7	35.2	71.5	94.9	95.0	95.1	77.1	17.2	
GF 90)	4-1.1	72.7	35.3	91.5	95.1	95.9	90.)	<b>97.</b> 3	77.5	,
G5 800	43.1	12.3	25.4	91.8	75.3	96.0	57.1	<b>47.</b> 5	97.6	3
35 700	43.1	72.3	25.4	91.9	95.4	96.2	77.3	27.7	97.	1
GE 500	48.2	72.9	85.5	92.0	75.7	75.5	37.5	<b>э</b> ч.э	93.1	,
72 30 7		, _ • ,	3243	72. • O	, , , , ,	, G • ,	, , <b>,</b> ,	• • •		,
GF 500	4.1.	72.9	35.7	92.2	93.9	95.7	97.	93.2	75.4	)
9= 400	40.2	72.3	35.7	92.3	96.1	76.9	93.1	19.5	35.7	•
δE 300	4 4 . 2	13.0	35 <b>.7</b>	92.3	95.2	97. ń	98.3	23.7	93.1	3
	=	73.7							79.)	9
GE 200	43.2		35.7	92.3	96.2	97.0	70.3	വെളം 3 മാറ		
GF 100	43.2	73.0	85.7	92.3	95.2	97.0	25.3	99.0	43.0	)
95 000	41.	73-0	35 7	42.3	96.2	97.0	34.3	73.3	19.3	3
	<b>7</b>			, , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			7000	,,,,	
			• • • • • • •				• • • • • •			• • •

THITAL NUMBER OF DISERVATIONS 7440

#### NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FRUIT HAUGUE TANGERY TO THE MERT

VISIBILI					יוד נטי	JKS: ALI	-			
	TY IN	STATUTE	MILES	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
g= 2 1/2	3~ 2	35. 1 1/2	GE 1 1/4	31 1	GE 3/4	GE 5⊁3	1/2	G∈ 3/3	1/4	3. 3.
• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •		• • • • • •
67.5	€ % • 3	58.5	69.7	69	59.0	43.0	50.1	59.1	59.1	59.1
75.1	74.7	74.0	77.1	79.4	79.4	79.4	79.5	79.5	77.5	77.0
73.1	7	79.2	79.3	79.5	79.5	79.6	79.7	79.7	77.7	79.7
75.2	72.3	79.2	79.3	79.5	79.5	77.6	74.7	79.7	79.7	74.7
74.3	77.5	79.9	79.9	80.1	30.2	30.2	30.3	90.3	30.3	30.3
°0.9	31.7	32.0	32.1	32.3	32.4	o2.4	12.4	12.4	22.4	32.5
34.3	35.1	45.5	95.5	35.3	85.9	55.9	35.9	35.3	u=.9	50.0
30.2	35.1	95.4	35.5	35.7	권5. 보	36.8	56.0	વકુ. ૧	25.9	35.3
3₽.3	39.1	39.4	43.5	89.3	03.0	39 <b>.9</b>	39.9	39.7	30.0	€.0
ात ∙ 5	~9.4	49.3	39.9	90.1	20・2	39.5	10.3	73.3	90.3	10 · 3
₹₽.7	43.5	49.9	90.1	9:) • 3	90.4	90.4	30.5	70.5	90.5	70.5
30.9	24.3	33.1	70.3	70.5	90.6	90.6	90.7	90.7	99.7	90.7
79.3	33.3	<del>)</del> 0.3	10.4	90.5	90 <b>.7</b>	90.7	<del>3</del> 02	90.5	00°3	9).9
90.2	71.1	91.5	91.0	91.3	91.9	31.3	₹2.0	92.0	72.0	35.0
91.4	92.3	92.7	₹2 <b>.</b> 3	93.1	93.2	93.2	₹3.2	73.?	73.3	93.3
33.9	53.3	94.3	94.4	94.7	94.9	94.9	14.9	14.9	34.9	74.0
93.5	94.0	<b>35.0</b>	97.1	95.3	35.4	95.4	95.5	35.5	25.5	95.5
34.2	35.2	95.5	95.7	36.0	96.0	95.0	95.1	95.1	ეი•1	75.2
04.2	25.3	75.7	95.3	95.0	76.I	76.1	95.2	76.2	76.2	96.3
74.9	95.9	76.3	75.5	96.7	95.3	95.3	15.0	96.9	95.7	36.9
75.3	90.3	96.7	95.8	97.1	97.2	97.2	47.3	97.3	27.3	97.3
90.0	95.7	97.1	97.2	97.5	97.5	97.6	97.7	<b>∂7.7</b>	97.7	97.7
95.0	95.7	₹7.3	97.5	77.7	97.₺	97.∂	97.3	97.9	97.9	98.0
96.0	97.I	97.5	97.6	97.7	98.0	99.0	73.1	95.I	39.1	36.2
96.2	97.3	77.7	97.3	99.1	93.2	93.2	₹3.3	98.3	99.3	98.3
75.5	37.6	29.0	99.1	38.4	98.5	98.5	13.6	98.5	98.5	98.7
95.7	97.3	93.2	99.4	98 <b>.7</b>	98.8	98.6	93.9	28.9	98.9	97.5
75.⊋		98.5		99.0	99.1	99.1	93.3	99.3	99.3	97.3
97.0		98.7	73.7	99.2	79.4	79.4	99.6	99.3		
97.0	79.3				99.5	97.5	99.7	99.7	39.2	39.8
97.0	28.3	99.8	99.0	99.3	99.5	39.5	99.8	99.9	99.9	99.9
97.0	93.3	28.8	79.0	79.3	99.5	99.5	99.3	99.3	99.9	100.0

DESERTING LOCATION "A" USAFETAC, ASHIVILLE NO

# PERCENTAGE FREQUENCY OF OCCURPINCE OF FROM HOURLY DISERVATE

CEILING	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •		TY THE	STATUTE	411 55	• • • •
IN	35	3 <i>5</i>	SΞ	GF	GE	GE		314131	GE	
FRET	7	5 5	5	4	3	2 1/2		1 1/2	1 1/4	,
• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • •
VO CETE	47.4	53.7	70.1	72.9	74.4	74.8	<b>7</b> 5.0	75.2	75.2	7:
se abboo	44.3	53.7	73.)	77.1	73.0	79.3	73.5	79.8	73.3	7:
SE 18000	49.3	53.7	73.7	77.1	79.0	79.3	79.5	79.0	17.2	7 -
GF 15000	49.	53.8	74.1	77.3	79.2	79.5	79.3	50.0	30.0	n (
35 14000	50.1	64.2	74.7	77.9	79.3	P0.1	81.3	30.5	50.5	4.0
05 12001	51.2	55.7	76.4	30.0	92.3	32.7	52.3	33.1	33.1	6.3
95 <b>10</b> 000	52.7	57.6	79.0	32.5	34.9	35.2	95.6	35.€	35.3	<i>a</i> 5
GE 9000	52.7	55.1	79.5	33.1	35.4	მ5∙მ	55.1	36.3	36.3	30
3E 80 <b>0</b> 0	53.5	59.7	31.9	35.5	87.9	83.2	30.3	विष्	કુંકે ફે∂	លធ្
35 <b>7</b> 000	53.7	59.3	82.0	85.7	93.0	98.3	용성 • 7	88.)	34.0	3 4
GE 6000	53.7	7^.e	32.2	35.4	33.2	88.5	24. y	99.1	33.1	аy
ga 5000	53.9	7).2	32.5	85.2	33.5	88.₹	39.2	89.4	17.4	43
5~ <b>45</b> 00	53.1	73.2	32.5	3 <b>6.2</b>	33.5	28.9	ж9.2	37.4	39.4	3.4
GE 4000	54.7	71.4	34.j	37.7	90.0	90.3	90.7	90.9	20.3	<b>ე</b> ()
3E 3500	55.0	71.3	84.3	83.1	90.4	99.9	91.1	91.3	91.3	71
SE 3000	55.4	72.4	35.2	99.0	91.3	71.7	92.0	92.2	92.2	92
35 2500	55.7	72.7	35.5	39.3	91.7	92.0	92.3	92.5	72.5	3.5
3E 2000	55.7	72.7	35.3	39.5	91.9	92.2	92.5	92.8	92.3	7.2
î 1800	55.7	72.7	35.3	69.6	91.9	32.2	92.0	32.B	92.3	9.2
GE 1500	55.9	72.7	H6.2	90.3	92.7	93.0	93.3	93.5	93.5	93
GT 1200	55.1	73.1	86.6	90.3	93.1	93.4	93.4	34.0	94.0	94
GE 1000	55.7	73.9	37.4	91.7	94.0	94.3	94.7	94.9	94.9	74
35 300	55.9	74.1	97.7	92.0	94.3	94.7	95.0	95.2	75.2	5
<u>ናሮ የ</u> ዕን	57.2	74.4	33.0	92.4	94.9	95.2	95.5	95.9	75.9	<del>-</del> - <del>-</del> - <del>-</del> - <del>-</del>
55 <b>7</b> 00	5 <b>7.</b> 2	74.7	\$3.3	93.1	95.5	95.9	95.3	96.8	95.9	95
GE 500	57.3	75.1	93.9	93.6	95.0	96.3	95.8	97.2	97.2	97
	57.3	75.7		94.6		97.3		99.2	98.2	28
35 400	57.5	75.3	39.9	94.9	97.3	37.7	93.2	93.7	18.7	98
\$E 300	57.7	76.0	30.1	95.1				98.9		33
GE 200	57.7	76.0	90.1	95.1	97.6				93.9	9 13
GE 100	57.7	76.0	90.1	95.1	97.6	97.9	98.4	98.9	93.9	38
	57.7			95.1						

TOTAL NUMBER OF DESSE WITTONS 900

ENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DOSERVATIONS

.;L	AND AFB	LA				OF KEC		JV 73 -	JCT 88		
					:нтисм	SEP 1	HOURS: (	00-02			
·v	ISIBILI	TY IN	STATUTE	MILES	• • • • •	• • • • • • •	• • • • • • •	• • • • • •			•••••
	GE	GE	ΞĒ	GE	GE	GE	GE	GE	GE	SE	GE
	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	U
• •			• • • • • • •				• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
•											35 3
	74.8	<b>75∙</b> 0	75.2	75.2	75.2	75.4	75.4	75.7	75.7	75.7	75.7
	71 1	79.5	79.8	79.3	79.3	80.1	80.1	80.3	30.3	έο <b>.3</b>	80.3
	79.3 79.3	79.5	79.0	79.8	79.3	80.1	30.1	80.3	80.3	30.3	80.3
	79.5	79.3	50.0	30.0	30.0	80.3	80.3	89.5	80.6	60.6	80.5
	20.1	५०.3	30.6	80.5	30.5	30.9	90.9	91.1	91.1	51.1	31.1
	32.7	52.9	33.1	33.1	83.1	83.4	33.4	83.7	83.7	33.7	33.7
	36 4 1	36 . 7	,,,,,,	) J • 1	0.1 • 1	0.307	0004	0241	9341	) <b>) (</b> )	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	35.2	95.5	35.8	35.3	85.8	86.1	36.1	96.3	86.3	86.3	85.3
	35.3	85.1	36.3	36.3	36.3	86.7	95.7	36.9	86.9	06.9	86.9
	83.2	3ਰੇ.5	88.8	8.66	88.8	89.1	89.1	89.3	39.3	39.3	97.3
	98.3	98.7	98.9	38.9	38.9	89.2	d9.2	39.4	39.4	89.4	89.4
	93.5	29.9	59.1	39.1	89.1	49.4	39.4	39.7	89 <b>.7</b>	39.7	39.7
	೮೪.∋	69.2	89.4	39.4	39.4	39.8	39.8	90.0	90.0	90.0	99.0
	28.9	H9.2	59.4	39.4	39.4	39.3	89.8	90.0	30.0	90.0	90.0
	90.3	90.7	90.9	70.9	70.9	91.2	91.2	91.4	91.4	91.4	91.4
	99.9	91.1	91.3	91.3	91.3	91.7	91.7	91.9	91.9	91.9	91.9
	71.7	92.0	92.2	92.2	92.2	92.6	92.6	92.R	92.8	92.3	92.H
	92.0	92.3	92.5	92.6	92.5	92.9	92.9	93.1	93.1	93.1	93.1
	12.2	92.5	92.8	92.8	92.8	93.1	93.1	93.3	93.3	93.3	93.3
	32.2	92.5	92.8	92.8	92.8	93.1	93.1	93.3	93.3	93.3	93.3
	93.0	93.3	93.5	93.5	93.6	93.9	93.9	94.1	94.1	94.1	94.1
	93.4	93.8	74.0	94.0	94.0	94.3	94.3	94.6	94.5	94.5	94.5
							15.5				
	94.3	94.7	94.9	94.9	74.9	95.2	95.2	95.4	95.4	95.4	95.4
	94.7	95.0	95.2	75.2	95.2	95.6	95.6	95.0	95.3	95.8	95.3
	95.2	95.5	95.9	95.9	35.9	95.2	96.2	96.4	95.4	95.4	95.4
	95.9	95.3	96.8	95.9	96.8	97.1	97.1	97.3	97.3	97.3	77.3
	95.3	96.8	97.2	97.2	97.2	97.5	97.5	97.8	97.8	97.H	97.8
	07 2	97.3	98.2	78.2	98.2	98.6	99.5	93.8	98.8	98.8	98. š
	97.3 97.7	97.3		98.7	98.7	99.0		99.2		99.2	
	97.7						99.2				
	97.9							99.6	99.7		
	97.9	93.4	93.9 98.9	98.9	70 • 7 38 a	99.2	99.2	99.6			100.0
	7107	7 7 9 14	713 € 7	7710 7	70 6 7	7 / • č	7 <b>7 • 6</b>	7760	7761	,,,,,	10000
	97.9	93.4	98.9	98.9	98.9	99.2	99.2	99.6	99.7	99.7	100.0
	• •						-				

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

### PERCENTAGE FREQUENCY OF OCCURRENCE THE FRAME HOURLY DISSERVATE

· .	, Τ΄,	N VELTA	J <sup>หุด</sup> 6 <b>₹</b> โ	747540		AAN NELT		LAND AFB	LA	e include de desputation de la pr		5( 4(
•	51	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	VISIBILI	TY IN	STATHE	MTIES	• (
•		N	SE	3E	SE	3F	GE	GE	GĒ	Se	55	
		ET	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	
•	• •											
N	10	CEIL	32.6	45.1	55.8	61.3	68.2	<b>69.7</b>	71.6	72.2	72.3	-
_		20000	22.		- 0 4		71 0		<b>-</b> .	3.5. 6	<b>3</b> / 3	
		20000	33.5	47.0	58.5	64.7	71.8	73.2	75.1	75.9	76.3	1
		15000 15000	33.5	47.0	58.5 58.7	54.7 54.8	71.8	73.2 73.4	$\frac{75.1}{75.3}$	75.9 76.1	75.3 75.2	
		14000	33.7	47.4	59•1	65.2	72.4	73.9	75.8	76.5	75.7	-
		12000	34.4	49.4	60.1	56.2	73.7	75.1	77.0	77.3	77.9	
`	· C	12000	24.4	40.4	00.1	99.4	1341	19.1	11.9	11.5	11.	,
0	<u>;</u> =-	10000	35.4	49.7	52.7	59.1	75.6	78.1	80.2	31.0	31.1	
	Ë	9000	35.4	50.0	53.1	69.5	77.0	73.5	8).7	31.4	31.5	
	-		35.5	51.1	34.5	71.2	73.9	80.6	82.7	33.4	33.5	-
	Ë	7000	35.8	51.1	64.6	71.2	73.9	80.6	82.7	33.4	93.5	-
	E	5000	35.3	51.2	54.3	71.4	79.1	30.3	82.9	93.7	33.3	
G	ξE	5000	35.3	51.2	54.9	71.7	79.3	81.0	53.1	53.9	34.0	•,
	35	4500	36.0	51.4	65.2	72.1	79.8	91.4	83.6	34.3	34.4	į.
Ğ	Ξ,	4000	35.4	51.9	55.7	72.9	30.6	32.2	84.3	55.1	35.2	
G	Ξ	3500	36.4	52.0	65.8	73.0	30.7	92.3	34.4	35.2	35.3	۲,
۲,	Ē	<b>30</b> 00	36.3	52.5	55.4	74.2	81.9	33.5	85.7	85.4	36.5	
	<u> </u>	2500	35.3	52.7	60.7	74.4	82.2	93.9	35.0	85.5	36.9	٠
	<u>.</u>	2000	37.0	52.9	56.9	74.7	92.4	84.1	95.2	37.0	87.1	\$
	Ξ	1800	37.7	52.9	55.9	74.7		84.1	55.2	37.0	37.1	7
	E	1500	37.1	53.0	<b>67.</b> 2	75.1	33.0	84.7	36 • 3	37.6	37.7	3
G	F	1200	37.5	53.4	58.0	76.2	84.1	35.3	57.9	33.8	38.9	¢
_	_	1000	30.1	F . 1	65.5	<b>77</b> 2	16 3	07.3	an i		5 <b>7</b> 1	•
	Ę	1000 <del>9</del> 00	38.1	54.1	58.9	77.3 73.0	85.3	97.3	89.1	~ 90∙0 90•7	90.1	Ċ
	_	300	38.2 33.7	54.6 55.1	69.5	78.7	36.0 85.8	87.7 38.4	90.6	91.4	90.9	<del>}</del>
	Ë	700	38.8	55.6	70.7	79.2	87.4	89.1	91.3	92.2	92.4	ċ
	<u> </u>	500 500	38.9	56.0	71.3	80.1	38.4	90.1	92.3	93.2	23.4	ć
9	' -	30)	30,00	7 7 6 0	1103	50.1	99•4	90 • L	7 0	73.2	75 • 4	
Ġ	, r	500	39.9	56.1	71.9	80.8	99.1	5.06	93.1	94.0	94.2	<del>-</del>
	E	400	39.1	56.3	72.1	81.0	39.6	91.3	94.0	25.0	95.2	ij
	-	300	39.1	55.3	72.2	91.1	37.7	71.4	94.2	95.3	75.6	
	E	200	39.1	56.3	72.2	81.3	90.0	91.8	94.7	96.0	95.2	ċ
G	۳	100	39.2	55.4	72.4	31.6	93.2	92.5	94.)	76.2	16.4	9
S	7	000	34.5	56.4	72.4	81.6	90.2	92.0	74.9	96.2	76.4	5
•												• •

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CETLING VERSUS VISIBILITY FROM HOURLY DISERVATIONS

. SNGI	LAND AFE	1 1 1			PERIDO	חד פבכנ	120: N	)V 78 -	101 Ba		<del></del>
+ 6	LA 10 AI C	,			MONTH		เก็บสระ (		.50. 00		
<b>.</b>		• • • • •									• • • • •
١ ١	VISIBILI										
SE	SE	GE	GE	SE	GE	Œ.	ĞE	GE	ĜΕ	GE	GE
3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	
<b></b>		• • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • •
r .			<u> </u>			•••					<b>-</b> . •
53.2	<b>59.7</b>	71.6	72.2	72.3	73.1	73.7	73.7	73.8	73.8	74.1	74.1
<b>,</b> , ,	72 3		3E 0	74 0	76 0	77.3	77.3	77.4	77.4	77.8	77.3
71.8	73.2	75.1	75.9	76.0	76.8	77.3	77.3	77.4	77.4	77.8	77.8
71.3	73.2	75.1 75.3	75.9 76.1	76.2	76.3 77.0	77.6	77.6	77.7	77.7	78.0	73.0
72.0 72.4	73.9	75.8	76.6	76.7	77.4	78.2	78.2	79.3	79.3	78.7	78.7
73.7	75.1	77.0	77.8	77.9	73.7	79.4	79.4	79.6	79.5	79.9	79.9
1 ' ' ' '	19.1	11.9	7 7 4 3	1107	1341	1 / • 4	1707	• , • 0	1 / 1	' /• /	, , , ,
75.6	73.1	80.1	31.0	31.1	41.9	32.7	32.7	32.9	82.9	63.2	33.2
77.0	73.5	80.7	31.4	31.5	32.3	83.1	93.1	83.3	93.3	83.7	83.7
73.9	80.5	82.7	33.4	33.6	34.3	35.1	85.1	85.3	85.3	85.7	85.7
73.9	90.6	82.7	33.4	93.6	84.3	95.1	65.1	95.3	85.3	95.7	85.7
79.1	30.3	82.9	93.7	93.3	84.5	35.3	35.3	85.5	35.6	85.9	35.9
77.3	81.0	53.1	53.9	34.0	34.8	85.6	35.5	85.8	35.3	36.1	85.1
79.8	91.4	83.6	84.3	84.4	85.2	86.0	86.0	36.2	96.2	35.6	36.6
30.6	32.2	84.3	55.1	35.2	36.0	86.8	96.8	87.0	87.0	37.3	87.3
33.7	92.3	34.4	35.2	35.3	86.1	95.9	36.9	37.1	37.1	37.4	37.4
õ1.9	<b>33.5</b>	85.7	85.4	36.5	37.3	53.1	1.36	83.3	99.3	83.7	หริ <b>. 7</b>
32.2	93.9	85.0	86.6	36.9	87.7	33.4	88.4	33.7	89.7	89.0	მ∮.0
32.4	84.1	85.2	37.0	87.1	87.9	98 <b>.7</b>	88.7	88.9	88.9	99.2	99.2
32.4	34.1	55.2	87.0	37.1	57.9	83.7	88.7	83.9	89.9	39.2	39.2
33.0	34.7	86∙3	37.6	87.7	88.4	89.2	89.2	39.4	89.4	89.8	39.8
. 34.1	35.3	57.7	33.8	38.9	99.7	90.4	90.4	90.7	90.7	91.0	91.0
									a sa sa sa sa sa		
35.3	87.0	49.1	90.0	90.1	75.9	91.7	91.7	91.9	91.9	92.2	92.2
35.0	87.7	89.8	90.7	90.8	91.6	92.3	92.3	92.6	92.5	92.9	32.9
35.8	88.4	70.6	91.4	91.5	92.3	93.1	93.1	93.3	93.3	93.7	93.7
37.4	89.1	91.3	92.2	92.4	93.3	94.1	94.1	94.3	94.3	94.7	94.7
38.4	90.1	92.3	93.2	93.4	94.3	95.1	95.1	95.3	95.3	95.7	95.7
93 1	3A 3	0.1		77. 7	- OF T		ar a	07. 1	0.6···1	95.4	96.4
39.1	90.3	93.1	94.0	74.2	95.1	95.9	95.9	96.1 97.2	96.1 97.2	97.5	97.6
3 <b>7.7</b>	91.3	94.0	95.0 95.3	95.2 95.6	96.1 95.6	95.9	96.9	91.2	98.0	95.4	98.4
97.7	91.8	94.7	96.0	95.2	97.3	98.2	98.2	98.7	98.B	99.2	99.2
73.2	92.0	94.7	96.0	95.4 96.4	97.5	98.6	98.6	99.0	<del>99.1</del>	99.7	100.0
13.2	76 + V	7407	70 • 2	70 • 4	7103	70.0	70 • 0	77 • U	77 <b>1</b>	,,,,,	10000
10.2	92.0	74.5	95.2	96.4	97.6	98.6	98.6	99.0	99.1	99.7	100.0
	,										

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

### PERCENTAGE FREQUENCY OF OCCURRENCE OF C

STAT	(10N A	JMBER:	747540		TO UTC		LAND AFE	LA			PERT MONTH
		• • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • • •			471.55	• • • • •
CEIL	-								STATUTE		
11		GE	SE	GE	SE	GE	GE	6 <u>5</u>	GE	GE	GF
F85	<u> </u>	7	5	<u> </u>	4	3	2 1/2		1 1/2	1 1/4	1
• • • •	• • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
NO C	DE IL	14.4	23.7	30.4	41.2	51.4	53.3	57.3	50.0	60.4	52 • ^
35 2	20000	15.1	24.9	32.4	43.5	54.1	56.1	50.3	63.1	53.5	55.3
6E 1	18000	15.2	25.0	32.5	43.7	54.2	56.2	60.4	53.2	53.7	55.4
CE I	6000	15.2	25.0	32.6	43.7	54.2	56.2	60.4	63.2	53.7	65.4
GE 1	4000	15.2	25.1	32.7	43.9	54.7	56.7	50.9	63.7	64.1	65.
GE 1	12000	15.7	26.0	34.2	45.9	57.2	59.4	63.8	66.8	67.2	69.1
GE 1	10000	16.5	27.1	35.2	43.3	59.9	52.2	57 <b>.</b> J	70.0	70.5	72.3
3E	9000	16.7	27.5	35.9	49.3	61.1	53.5	53.3	71.3	71.9	73.7
SE	3000	17.2	23.3	35.6	51.4	63.4	55.9	70.7	73.7	74.2	75.
GE	7000	17.3	28.6	38ੇ∙ਲ	51.7	63.7	55.2	71.0	74.0	74.6	75 • ₹
GΕ	6000	17.3	23•7	38.9	51.9	63.9	66.4	71.2	74.2	74.5	75•6
GE	5000	17.3	29.4	39.3	53.2	65.3	57.9	72.7	75.7	75.2	75·1
SE	4500	18.1	29.3	40.1	53.7	65.8	53.3	73.1	76.1	76.7	73.0
Ģ-	4000	13.5	30.3	40.7	54.3	35.6	59.1	73.7	77.0	77.5	79.4
GE	3500	13.6	30.3	40.3	54.4	66.7	69.2	74.0	77.1	77.7	79.4
GE	3000	13.7	30.4	40.9	54.7	67.0	69.5	74.3	77.4	73.0	79.1
วก	2500	18.3	30.7	41.2	55.0	67.7	70.2	75.0	78.1	78.7	30•4
GE	2000	18.9	31.0	42.0	55.3	68.4	71.0	75.8	73.0	79.5	81.4
GE	1900	18.7	31.0	42.0	55.9	68.7	71.2	75.0	79.2	79.8	31.
GE	1500	19.2	31.6	42.3	56.B	69.7	72.3	77.2	80.4	31.0	85 💃
GE	1200	19.7	32.0	43.4	57.7	70.9	73.6	79.4	31.7	82.2	94.
S€	1000	19.7	32.1	43.9	58.2	72.0	74.7	79.7	32.9	33.4	- 35.
SE	900	20.0	32.4	44.3	58.9	72.7	75.3	80.4	83.7	84.2	46.
GE	800	20.0	32.4	44.3	59.0	73.2	76.0	81.4	94.9	85.4	87.:
GΞ	700	20.0	32.5	44.4	59.4	73.8	76.8	82.4	35.8	86.5	83.
3 E	600	20.0	32.5	44.4	59.9	74.4	77.4	83.1	86.4	87.2	89.1
r, F	500	<b>2</b> 0.0	32.7	44.6	60.1	75.0	78.2	34.2	37.8	38 <b>.7</b>	- 91.
GΕ	400	20.0	32.7	44.5	60.3	75.2	78.6	84.5	88.3	39.6	92.
GE	300	20.0	32.7	44.5	60.3	75.3	78.7	94.8	88.8	90.0	93.
GĒ	200	20.0	32.7	44.6	60.3	75.3	78.8	84.9	99.0	90.3	93.
GE	100	20.0	32.7	44.5	60.3	75.3	78.8	84.9		95.3	93.
ĞF	000	20.0		44.6			78.8		_	90.3	
• • • •			• • • • • • •	• • • • •	• • • • • • •		• • • • • • •				

TOTAL NUMBER OF DBSERVATIONS 900

AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DESERVATIONS

O AFE	LA			MONTH:	OF REC	JRD: NI IOURS: (		UCI 88			
0 0 0 0	**************************************	STATUTE			• • • • • •		• • • • • •			••••	
35 19161	GE GE	GE		ĞΕ	GE	GE	ĞĒ	GE	3E	GE	
1/2	2		1 1/4	1	3/4	5/8	1/2	3/3	1/4	3	
1,2		1 1/2		• • • • • •							
3.3	57.3	60.0	60.4	52.0	53.2	53.2	54.4	54.4	54.8	55.0	
. 1	50.3 <sup>=</sup>	53.1	53.5	55.3	55.7	55.7	67.9	67.9	66.2	68.4	
. 2	53.4	53.2	53.7	55.4	55.8	66.8	58.0	68.0	68.3	58 <b>.</b> 6	
. 2	60.4	63.2	63.7	65.4	56.8	66.9	63.1	68.1	68.4	68.7	
. 7	50.9	63.7	64.1	65.9	57.2	67.3	53.5	68.5	58.9	59.1	
9.4	63.3	65.8	67.2	69.0	70.3	70.4	71.7	71.7	72.0	72.2	
. 2	57. J	70.0	70.6	72.3	73.7	73.9	75.0	75.0	75.3	75.6	
3.5	53.3	71.3	71.9	73.7	75.0	75.1	76.3	76.3	76.7	76.9	
· · · · · · · · · · · · · · · · · · ·	70.7	73.7	74.2	75.0	77.3	77.4	73.7	78.7	79.0	79.2	
5.2	71.0	74.0	74.6	76.3	77.7	77.3	79.0	79.0	79.3	79.6	
. 4	71.2	74.2	74.8	76.6	77.9	79.0	79.2	79.2	79.5	79.9	
. 9	72.7	75.7	76.2	78.1	79.4	79.5	80.8	80.8	81.1	81.3	
6.3	73.1	76.1	76.7	78.6	79.9	30.0	81.2	81.2	51.6	31.8	
• 1	73.7	77.0	77.5	79.4	80.8	80.9	82.1	82.1	82.4	82.7	
.2	74.0	77.1	77.7	79.5	<b>90.9</b>	81.0	82.2	82.2	82.5	82.3	
9.5	74.3	77.4	79.0	79.9	81.2	31.3	82.6	52.6	32.9	33.1	
. 2	75.0	78.1	78.7	30.6	31.9	82.0	93.2	83.2	83.6	33. ರ	
1.5	75.5	79.0	79.5	91.4	32.8	82.9	34.1	34.1	84.4	84.7	
1.2	75.0	79.2	79.B	81.7	83.0	83.1	84.3	84.3	84.7	84.9	
2.3	77.2	90.4	81.0	92.9	84.2	84.3	85.6	85.6	85.9	<b>96.1</b>	
3.6	79.4	81.7	82.2	84.1	85.4	85.6	36.8	86.8	87.1	37.3	
. 7	79.7	32.9	33.4	45.3	86.7	86.8	83.0	83.0	38.3	88.6	-
3	30.4	83.7	84.2	86.1	57.4	87.6	88.8	63 <b>.</b> 8	89.1	89.3	
5.0	31.4	34.8	85.4	87.6	88.9	89.0	90.2	90.2	90.6	90.9	
5.9	32.4	35.8	86.5	83.9	90.2	90.3	91.6	91.5	91.9	92.1	
7.4	83.1	86.4	87.2	89.6	91.1	91.2	92.4	92.4	92.8	73.1	
1.2	84.2		38.7			92.9		94.1	94.4	95.0	
3 - 5	84.5	88.3	89.6	92.2	94.0	94.1	95.3	95.3	95.7	96.2	
. 7	_	88.8	90.0	93.0	95.0	95.1	96.6	96.5	97.0	97.7	
3.8	34.9	39.0	90.3	93.4	95.8	95.9	97.8	97.9	98.7	99.4	
3.4	34.9	89.0	90.3	93.4	95.8	95.9	97.8	97.8	99.0	99.9	
3 <b>.</b> 3	84.9	39.0	90.3	93.4	95.8	95.9	97.8	97.9	99.1	100.0	

0 - 2 - 75

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

#### PERCENTAGE FREQUENCY OF DCCURRENCE C FROM HOURLY BESERVATI

STA	TION Y	UMb∃R:	747540				LAND AFB	L 4			<u> </u>
					וטדט פד						MO
• • •	• • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • •
	LING						VISIBILI				
	M	SĒ	G.F	GΞ	GE	SË	ĞE	G E	SE	GΞ	
F E	ET	7	5	5	4	33	2 1/2	2	1 1/2	1 1/4	
• • •	• • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • •
:_					45.4		, a- a ·		151 52		
NU	CEIL	34.3	50.4	58 <b>.7</b>	63.4	66.1	56.4	55.7	56.8	<b>66.</b> 8	÷
GF	20000	37.5	54.8	53.7	58.9	71.6	71.7	72.1	72.2	72.2	7
	18000	37.5	54.3	63.7	58.9	71.6	71.9	72.1	72.2	72.2	7
	15000	37.5	54.4	53.7	68.9	71.6	71.9	72.1	72.2	$-\frac{12.2}{12.2}$	<del>'</del> 7
	14000	37.6	55.0	64.0	69.2	71.9	72.2	72.4	72.5	72.5	7
	12000	37.9	55.0	55.4	70.7	73.7	74.0	74.2	74.3	74.3	7
3.0	12000	2107	23.0	37.4	10.7	1 3 6 1	14.5	1700	1743	1745	,
SE	10000	39.7	59.1	59.2	75.0	78.0	78.3	73.5	73.7	78.7	7
GΞ	9000	40.3	59.9	70.0	76.0	79.1	79.4	79.3	79.9	79.9	7
GE	3000	40.9	52.0	72.4	79.1	82.3	82.7	83.)	33.1	33.1	ī a
GE	7000	41.0	52.1	72.5	79.2	82.4	92.8	33.1	33.2	33.2	ú
SE	6000	41.1	52.2	72.7	79.7	92.9	83.2	33.6	33.7	83.7	ទ
GE	5000	41.1	52 <b>.7</b>	73.1	90.1	33.3	33.7	84.0	34.1	34.1	G
Gē	4500	41.1	52.7	73.2	80.2	33.4	83. ò	94.1	34.2	34.2	3
GΞ	4000	41.3	52.9	73.4	30.4	33.7	84.0	84.3	54.4	34.4	· · · · · · · · · · · · · · · · · · ·
GĒ	3500	41.5	63.1	73.7	80.7	33.9	94.2	34.5	34.7	34.7	0
G∈	3000	41.9	53.3	74.4	31.7	85.0	85.3	35.7	85.8	95.3	વ
SE	2500	42.5	54.5	75.4	32.9	86.2	36.7	87.0	87.1	37.1	4
<b>3</b> E	2000	42.3	55.0	75.1	33.5	85.9	87.3	87.8	37.9	87.9	<b>-</b> 2
GE	1300	43.1	55.5	75.7	34.2	87.5	88.0	93.4	32.6	35.5	5
GE	1500	43.3	56.3	73.3	86.0	99.9	90.3	90.3	91.1	91.1	ġ
GE	1200	44.1	67.6	79.3	87.7	92.0	92.6	93.1	93.4	93.4	9
G 5	1000	44.3	53.0	30.3	48.3	93.7	94.3	95.5	95.0	96.0	4
GE	900	44.3	63.0	80.5	89.2	94.3	95.4	95.2	96.7	96.7	9
GE	900	44.3	63.0	33.3	89.6	94.8	95.9	96.9	97.3	37.4	3
GE	700	44.3	68.0	80.3	<b>კ9.7</b>	95.0	96.1	97.3	97.9	98.0	Ġ
GÉ	600	44.3	58.0	80.8	99.8	95.2	96.4	97.3	98.3	99.4	9
SF	500	44.3	55.0	8.06	39.9	95.3	96.5	97.9	93.4	93.5	3
GE	400	44.3	68.1	30.9	90.0	95.4	96.8	98.3	98.9	39.0	Ç
GĒ	300	44.3	63.1	30.9	90.0	95.4	96.8	93.4	99.1	99.2	3
GE	200	44.3	58.1	30.9	90.0	95.4	96.8	98.4		99.2	9.
GE	100	44.3	58.1	80.9	90.0	95.4	96.8	93.4	99.1	99.2	9
SE	000	44.3	53.1	30.9	90.0	95.4	96.5	93.4	99.1	99.2	9
• • •	• • • • •	•••••	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •		• • • • • •		• • •

TOTAL NUMBER OF JOSEPHATIONS 900

ENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

GLAN	AF8	LA			PERIOD MONTH:	OF REC	ORD: N HOURS:	IDV 73 - 09-11	DCT 38		
V15	IBILI	TV IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
	55 55	6E	GE	GE	GÉ	GE	GE	GĒ	GE	GE"	G E
	1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	5
			• • • • • • • •			• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • •
56	5.4	55.7	56.8	66.8	56.8	56.8	66.8	66.8	66.8	66.3	66.8
					_			22 25	<u> </u>	<u> </u>	
	1.7	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
	1.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
	1.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
	2 • 2	72.4		72.6	72.5	72.6	72.6	72.6	72.6	72.6	72.6 74.3
, ,	4.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	14.5
7.	5.3	73.5	73.7	78.7	78.7	78.7	78.7	73.7	78.7	73.7	78.7
	9.4	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
	2.7	93.)		33.1	R3.1	83.1	33.1	33.1	83.1	83.1	53.1
	2.8	93.1	33.2	83.2	93.2	83.2	33.2	33.2	83.2	33.2	33.2
	3.2	33.6	33.7	83.7	83.7	33.7	83.7	83.7	93.7	93.7	93.7
33	3.7	34.0	34.1	34.1	94.1	84.1	34.1	84.1	84.1	84.1	84.1
	3.5	94.1	34.2	34.2	34.2	34.2	84.2	84.2	84.2	84.2	84.2
9,4	+.5	84.3		34.4	84.4	34.4	34.4	84.4	84.4	84.4	84.4
	4 • 2	34.5	94.7	34.7	84.7	84.7	84.7	34.7	84.7	84.7	34.7
8.5	5.3	35.7	95.8	85.8	95.9	85.8	35.3	85.8	85.8	45.3	35.3
								,, <u></u>			n er i r
	5.7	87.0		97.1	87.1	37.1	87.1	37.1	87.1	87.1	87.1
-	7.3	87.4	37.9	87.9	37.9	98.0	58.0	89.0	88.0	88.0	83.0
	3.0	83.4		89.5	38.6	38.7	38.7	88.7	33.7	88.7	88.7
	0.3 2.6	20.3 23.1	$\frac{91.1}{93.4}$	91.1 93.4	$\frac{91.2}{93.7}$	91.3 93.8	91.3	91.3 93.8	91.3	91.3 93.8	91.3 93.9
74	2 • 9	73.1	73.4	73.4	7241	73.0	73.0	93.0	73.0	72+7	73.5
74	. 3	95.6	95.0	96.0	96.2	96.3	96.3	96.3	95.3	96.3	96.3
	5.4	95.2	96.7	36.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0
	5.5	96.9	97.3	77.4	97.7	97.8	97.8	97.8	97.3	97.3	97.3
	5.1	97.3		98.0	98.2	99.3	98.3	98.3	98.3	98.3	98.3
	5.4	97.3		98.4	99.7	98.8	98.8	78.8	98.8	93.8	98.8
	5 • 5	97.9		98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1
96		98.3	98.9				99.8	99.8	99.8	99.8	99.8
		99.4		99.2				100.0			
		99.4		99.2				100.0	100.0		
9.6	5.8	93.4	99.1	99.2	99.9	100.0	100.0	100.0	100.0	100.0	130.3
34	5.3	93.4	99.1	99.2	99.9	100.0	100.0	100-0	100-0	100.0	100.0
											<del></del>

#### PERCENTAGE FREQUENCY OF OCCURRENCE 1 FROM HOURLY DISERVATE

CFI	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	, , , , , , , , , , , , , , , , , , , ,	VISIBILI	TY I'V	STATUTE	MILES	• •
	M	GE	GE	GE	GE	GÉ	ĞĒ	i gë	GE	GE	
	ET	7	5	5	4	3	2 1/2	2		1 1/4	
• • •	• • • • •	• • • • • •						• • • • •	• • • • • • •	• • • • •	
NO.	CEIL	39.2	55.1	59.5	51.7	61.3	51 <b>.</b> 8	61.3	51.3	61.8	
	20000	46.5	54.3	59.4	71.5	71.7	71.7	71.7	71.7	71.7	
	19000	45.5	54.3	59.4	71.5	71.7	71.7	71.7	71.7	71.7	
	13005	46.6	54.3	59.4	71.0	71.7	71.7	71.7	71.7	71.7	
	14000	47.3	55.3	70.6	72.7	72.3	72.8	72.3	72.8	72.8	
<u> </u>	12000	47.5	55.7	72.3	74.5	74.7	74.7	74.7	74.7	74.7	
	10000	49.1	70 • 1	76.3	78.6	73.8	78.8	<b>7</b> 8.3	78.8	73.3	
; =	9000	50.0	71.2	77.4	79.7	79.9	79.9	79.7	79.9	79.9	
; <del>-</del>	3000	51.9	74.1	30.4	92.7	92.9	32.9	52.7	62.9	39	
Ξ,	7000	52.3	74.2	30.5	32.3	93.0	33.0	93.0	33.0	33.0	
)E	6000	52.0	74.3	80.7	82.9	93.1	33.1	a3.1	93.1	33.1	
Ē	5000	52.0	74.5	61.0	33.2	33.4	83.4	83.4	33.4	33.4	
<u>.</u>	4500	52.1	74.7	31.3	83.5	33.8	83.8	83.9	34.0	34.0	
Ξ	4000	52.7	75.8	32.6	34.9	85.2	35.2	35.4	85.6	35.5	
; ;	3500	53.3	77.3	83.9	36.2	35.6	35.5	85.3	35.9	36.9	
Œ	3000	55.2	79.2	86.6	89.3	90.0	90.0	90.2	90.3	90.3	
<u>, E</u>	2500	56.4	21.2	99.1	92.2	93.5	93.0	93.2	93.3	93.3	
F,	2000	57.1	82.2	93.4	93.7	94.6	94.6	94.8	35.0	<b>⇒5.</b> 0	
	ा गठ	57.3	32.5	90.3	74.5	95.0	95.0	95.2	75.4	95.4	
F	1500	57.9	33.3	91.3	95.1	96.1	96.3	95.3	97.0	97.3	
, ∈	1200	58.1	33.9	92.6	95.9	97.1	97.4	97.9	98.1	98.2	
Ë	1000	53.4	34.2	93.2	96.9	93.0	98.3	93.3	99.0	99.1	
ŗ	900	50.4	34.2	93.2	96.3	93.0	98.3	93.3	99.0	99.1	
E	600	मुष्टु द	34.2	73.2	76.3	93.2		99.0	99.2	99.3	
Ę	700	53.4	84.2	23.2	96.8	98.2		99.0	99.2	99.3	
Æ	500	53.4	34.2	93.2	96.3	98.3	98.7	99.1	99.3	99.4	
ξE	500	59.4	84.2	93.2		93.3	98.7	99.2	79.4	99.7	
32	400	58.4	34.2	93.2	95.3	93.3	98.7	99.2	99.4	79.7	
F	300	53.4	84.2	93.2	96.3	93.3	98.7	99.2	99.4	99.7	
ξE	200	58.4	34.2	93.2	95.9	98.3	98.7	99.2	99.4	99.7	
36	100	58.4	34.2	93.2	96.8	98.3	78.7	99.2	99.4	99.7	

TOTAL NUMBER OF DASFRVATIONS 900

(

(

# FROENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	LAND AFB	LA					ORD: N		DC1, 88		
6					יודאתא:	SEP	HDURS:	12-14			
• • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	• • • • • •
Së	GE	GE			SE	GE	ĞE	GE	GE	GE	ĠF
3	2 1/2	2	1 1/2	1 1/4	11	3/4	5/8	1/2	3/8	1/4	)
• • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
1.3	51.8	61.3	51.3	61.8	61.8	51.8	61.3	51.8	61.8	51.8	61.3
<b>T</b>											
1.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
1.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
1.7	71.7	71.7		71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
2.3	72.8	72.3	72.8	72.8	72.8	72.9	72.8	72.8	72.3	72.3	72.3
<b>4.7</b>	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
1.3	78.8	78.3	78.8	78.8	78.8	78.8	73.8	78.8	73.8	70.0	78.3
1.9	79.9	79.3	79.9	79.9	79.9	79.9	79.9	79.9	73.9	77.9	79.9
þ.)	32.9	52.9	52.9	32.9	32.9	52.9	32.9	32.9	32.9	52.9	62.9
5.9	33.0	93.0	93.0	33.0	83.0	93.0	83.0	<b>53.0</b>	83.0	63.0	63.0
3.1	33.1	a3.1	33.1	33.1	83.1	83.1	83.1	83.1	83.1	83.1	33.1
3.4	33.4	93.4	33.4	83.4	83.4	33.4	93.4	83.4	83.4	83.4	33.4
3.8	93.8	83.9	34.0	34.0	34.0	84.0	84.0	84.0	34.0	34.0	84.0
b . 2	35.2	35.4	85.6	35.5	85.5	35.6	85.5	85.6	35.6	35.5	35.5
5.5	35.5	85.3	36.9	36.9	36.9	86.9	86.9	35.9	86.9	<b>95.9</b>	45.9
( · · ·	90.0	90.2	90.3	90.3	90.3	95.3	90.3	90.3	90.3	90.3	90.3
<b>5.</b> 0	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
6.6	94.5	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
ნ <b>.</b> ე	95.0	95.2	95.4	95.4	95.5	95.6	95.6	95.6	95.5	95.5	95.6
<b>5.1</b>	96.3	95.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
7.1	97.4	97.9	98.I	98.2	98.4	98.4	98.4	98.4	99.4	99.4	98.4
5.)	95.3	93.3	99.0	99.1	99.3	90.4	99.4	99.4	99.4	99.4	99.4
i • o	98.3	93.3	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
3.2	78.5	97.0	99.2	99.3	99.6	99.7	99.7	97.7	99.7	99.7	99.7
3.2	98.5	99.0	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99 <b>.7</b>	99 <b>.7</b>
i • 3	98.7	99.1	99.3	99.4	99.7	99.8	99.8	99.8	99.3	99.3	99.3
B.3	98.7	99.2	79.4	99.7	99.9	100.0	100.0	100.0	100.7	100.0	100.0
	98.7	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
3.3	78.7	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
3.3	93.7	93.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
· 3	98.7	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
₹.3	98.7	99.2	79.4	99.7	99.9	0.001	100.0	100.0	100.0	100.0	100.0
		• • • • •							• • • • • •		• • • • •

#### PERCENTAGE PREQUENCY OF OCCURRENCE OF C FROM HOURLY DISCRYATIONS

STATI	Ĭ Ī Ī	งีบหรื <del>อจ</del> ร		LST	to utc:	+ 6	GLAND AFB	F7			TPERT 1
CEILI	 uc	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	VISIBILI	TV TA	CTATUTE	# * * * * * * * * * * * * * * * * * * *	• • • • •
IN	10	SE	Gē	G∈	G€	SE	GE	55		60	S+
FEET		7	5		4					1 1/4	
			· • • • • • •		<u></u>	3	2 1/2	<del></del>			
NO CET	IL	39.5	53.7	5 <b>7.</b> 0	58.1	53.1	58.1	53.1	5ರ•1	58 <b>.</b> 1	59 • I
35 300	000	49.3	57.7	72.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7
GF 180	0.00	50.0	67.9	72.4	73.8	73.9	73.9	73.7	73.9	73.7	13.9
GE 150	000	55.1	53.0	72.6	73.9	74.0	74.0	74.0	74.0	74.0	74.7
GE 140	000	50.1	55.2	73.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4
GE 120	000	51.3	70.1	75.3	77.1	77.2	77.2	77.2	77.3	77.3	77.3
						_					
35 100		53.4	73.7	30.2	81.9	92.0	32.0	32.)	≥ 2 • 1	32.1	~2.1
	200	53.9	74.3	30.9	92.5	92.7	32.7	32.7	32.3	32.8	23.0
	) () () ()	55.7	75.7	33.4	95.2	35.3	35.3	35.3	35.4	45.4	32.4
_	000	55.2	77.3	84.1	85.9	36.0	36.0	35.0	30.1	95.1	$^25 \cdot 1$
GE 60	000	55.2	77.4	34.3	85.2	36.3	86.3	96.3	36.4	45.4	₹5.4
GE 50	) ) )	55.9	<b>7</b> 3.3	e5.2	37.1	37.2	37.2	87.2	47.3	37.3	57.3
	500 500	57.5	7).0	35.7	37.3	37.9	37.9	87.)	57.5 53.1	38.1	35.1
	ono	57.5	30.9	~68 <b>.1</b>	90.1	99.2	90.2	90.2	= - 30.4	90.4	0).4
	500	59.7	81.8	89.3	91.4	91.6	91.5	71.5	91.4	91.8	71.S
	000	50.3	32.5	91.3	93.9	74.3	94.3	94.4	34.2	94.3	94.7
0	, ,	, , , ,	J = • · /		, , ,		, , ,	• •	, v •	, ,	,
GF 23	500	on• +	93.1	92.1	94.7	95.2	95.2	95.3	95.9	75.9	75.
SE 20	000	61.2	33.5	92.6	95.1	95.7	<del>9</del> 5.3	45.7	95.6	75.5	75.7
GE 16	00	61.3	33.7	92.7	95.2	95.8	95.9	96.0	96.7	95.7	96. ;
GF 15	500	61.6	33.9	93.1	96.0	96.7	96.9	97.4	98.1	93.1	94.2
GE 12	200	61.6	33.9	93.1	96.2	96.9	97.1	97.7	98.3	98.3	99.4
95 <b>1</b> 3	))n	51.7	G., 1	33 4	96.7	97.3	97.5	93.1	98.3	98.4	33.7
	) ) )	51.7	94.1 94.1	73.4 93.6	95.8	97.6	97.3	98.3	97.0	99.7	99.1
	300	$-\frac{51.7}{61.7}$	34.1	93.6	96.8	97.6	97.8	93.4	99.1	93.T	97.2
	700 100	51.8	34 • 2	93.7	96.9	97.8	99.0	99.7	79.1	39.1	99.4
	500	51.8	34.2	93.7	96.9	97.8	98.0	93.3	99.4	99.4	99.5
U	,00	31.5	74 € 2	7301	70.7	71.0	73.0		77.4	7764	* / • .
35 5	500	61.3	34.2	93.7	95.9	97.9	95.1	99.1	99.3	94.8	99.9
ST 4	06+	61.8	34.2	93.7	96.9	97.9	98.1	37.1	97.3	99.3	100.3
GE 3	300	51.9	24.2	93.7	96.9	97.9	93.1	99.1	<b>39.</b> 9		100.0
	200	51.∃	34.2	93.7	96.9	97.9	98.1	9).1	99.3	99.3	100.7
GE 1	100	61.8	94.2	93.7	96.9			93.1	99.3	99.B	100.0
	200	61.3		93.7	96.9		98.1		39.4		100.0

ATAGE FREDUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

GMA_	A F F	LA					COKD: N		JCT 93		
/1518	ILL	TY IN	STATUTE	MILES							
5 -	:	SE	GE	GC	GE	GE	GE	SE	C۲	SE	30
3 1	.7?	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/3	1/4	)
, <b></b>				• • • • • •	• • • • • •	• • • • •					
	_						<b>-</b>				
58.	. 1	50.1	58•1	58.1	59.1	54.1	58.1	58.1	58.1	59.1	58.1
73.	7	73.7	72 7	7, 7	72 7	73.7	71 7	72 7	72 7	71 7	72 7
73.		73.7	73.7 73.9	73.7 73.7	73.7 73.9	73.9	73.7 73.9	73.7 73.9	73.7 73.9	73•7 73•9	73.7 73.7
74.		74.5	74.0	74.3	74.7	74.0		74.5	74.0	74.5	74.5
74.		74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
77.		77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
32.	J	82.0	32.1	32.1	42.1	32.1	82.1	32.1	82.1	82.1	32.1
32.		32.7	32.8	32.8	32.3	42.4	32.3	32.8	82.3	52.5	32.3
<b>35</b> 。		35.3	35.4	35.4	95.4	35.4	35.4	85.4	35.4	35.4	35.4
35.		45.0	36 • I	35.1	85.1	36.1	35.1	35.1	35.1	36.1	30.1
36.	3	36.3	36.4	85.4	35.4	35.4	<sup>2</sup> 6.4	30.4	36.4	36.4	36.4
. <b>7</b>	,	p <b>7</b> )	17 2	,,,,	. 7 2	u 7 3	27 1	<b></b>		7 1	~ <b>7</b> 3
₹7.		- 87。2 - 8 <b>7。</b> ナ	47∙3 ≾3∙1	37.3 38.1	37.3 38.1	ყ7.3 მმ.1	37.3 33.1	97.3 93.1	87.3 88.1	37.3 35.1	57.3
90.		30.2	- <del>90.4</del> -	90.4	90.4	70.4	90.4	70.4	99.4	70.4	20.4
91.		71.5	91.5	91.8	91.9	91.3	91.3	91.8	91.9	91.3	91.9
94.		34.4	34.P	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9
							-			-	-
95.		95.3	95.9	95.9	96.0	96.0	96.0	95.0	96.0	96.0	96.0
₹5.		95.7	95.6	75.5	76.7	76.7	96.7	96.7	<b>96.7</b>	96.7	95.7
95.		96.5	96.7	96.7	96.3	95.8	96.3	95.9	96.8		96.3
76.		37.4	28.1	98.1	98.2	98.2	93.2	98.2	99.2	38.2	28.2
77.	1	77.7	98.3	98.3	95.4	98.4	98.4	98.4	98.4	98.4	3P.4
77.	4.	9금.1	35.3	98.8	93.9	98.9	93.9	98.9	93.9	98.9	93.9
)7.		93.3	97.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
77.		99.4	99.1	99.1	99.2	33.2	99.2	99.2	99.2	99.2	79.2
93.	つ	99.7	99.3	79.3	99.4	79.4	99.4	99.4	99.4	99.4	99.4
93.	O	94.3	79.4	99.4	99.5	99.5	99.6	99.6	99.6	99.5	99.6
95.		97.1	99.8	94.8	99.9	99.9	99.9	99.9	99.9	97.9	93.3
36.		3).1	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
33.		33.1	<b>79.</b> 8	99.9	100.0	100.0	100.0	100.0	100.3	100.0	100.0
98. 98.		99.1	99.3 9 <b>9.</b> 8	99.3 99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
70.	1	77.1	フフ・ひ	フプ・ロ	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.	1	99.1	39.4	99.4	100.0	100.0	100.0	100.5	100.0	100.0	100.3
	•		,,,,,	_							
1											

### PERCENTAGE FREQUENCY DE DOCHRANCE DE COTA ANDRE COTA ANDRE CATA

	[.] N . N	पुषवत्रः	747540		IAF KOTT		LANDWARE	LA			3)3 424
CEILI	ING	• • • • • •	• • • • • • • •		• • • • • •				STATUTE		• • • •
11		of C	3.5	2 -	SE				54	5.7	٠.
ברכן	г	7		5					1 1/2		,
					• • • • • • •				· · · · · · · ·		
MO CE	IL	43.4	50.7	53.5	56.2	56.7	56.7	55.7	55.7	55.7	<b>73</b> 7
GF 20	2000	57.1	<b>7</b> 0.4	74.0	76.3	77.2	77.2	77.2	77.2	77.2	7 7
35 18	შიეე	57.4	71.2	74.4	77.2	77.7	77.7	77.1	77.7	71.7	7 /
GF 16	5000	57.5	71.3	74.5	77.3	77.8	ز ، 77	77.3	77.5	77.5	7.7
SE 14	000	57.3	71.7	75.0	77.8	73.2	75.2	73.2	73.7	7:. 7	7 ·
GE 12	2000	59.0	73.3	77.1	80.3	47.3	30.₽	40.5	90.m	٠,٠٠	٠.
GE 10	0000	67.0	75.7	51.4	34.7	35.1	35.1	35.1	35.1	,= .1	-
35	9000	51.5	77.5	32.5	35.3	35.2	35.2	(5) · 2	35.2	25.2	٠.
35 - 1	,00)	53.1	73.7	34.3	30.1	33.5	33 <b>.5</b>	d 2 • 2	15.5	s · · · · · · · · · · · · · · · · · · ·	,
	<b>7</b> 000	53.5	30.1	95.3	33.6	39.0	વવ•೧	*50 · )	49.0	33.3	
SE /	5000	53.7	4.3 • S	25.4	83.7	37.1	39.1	39.1	- ). !	1.1	
35 3	5000	64.5	1.1	35.5	39.9	70.3	90.3	77.3	20.3	19.3	į.
	+500	54.7	31.2	35.7	90.)	10.4	90.4	1000	i).7	10.7	. ·
	+300	54.3	02.9	15.7	92.3	35.3	12.1	73.3	₹3•1	45.1	3.3
	3500	55.4	€3 <b>.</b> 2	39.4	93.9	93.7	93.7	1 • 1 د	34.5	34.1	4
GE 3	3000	57.1	34.4	91.0	34.5	95 <b>.</b> 5	95.5	95.3	45.°	35.3	<b>.</b>
	2500	5 <b>7.</b> 5	55.1	91.3	95.3	75.4	25.4	35.3	15.9	14. 2	÷
	2000	67.7	₹3.2	91.9	95.4	95.5	75. i	€7.2	47.5	17.5	. •
	Labb	67.7	35.2	71.9	95.4	95.9	36.3	97.3	÷7.7	77.7	+ 7
	1500	67.9	15.4	92.4	95.2	27.3	77.5	77.4	04. J	25.2	, ,
GE 1	1200	57.9	45.4	92.4	96.3	97.9	77.3	<b>39.5</b>	30.0	30.5	3 1
	LOOD	67.2	35.4	92.4	95.3	97.9	97.4	93.7	77.1	47.1	۱ ۽
35	900	63.1	85.7	92.7	96.5	98.2	48.5	34.7	77.4	* ) • •	<i>1</i> )
ŞĒ	400	63.1	35.7	92.7	95.5	93.2	93.2	<b>3</b> 3.5	99.4	99.4	7.5
9 E	700	53.1	35 <b>.7</b>	92.7	96.5	93.2	14.2	33.0	79.4	30.4	(3.3
GE.	600	58.1	35 <b>.7</b>	92.7	96.5	<del>3</del> 3.2	98.2	49.j	99.4	23.4	3.5
g;	500	53.1	35.7 35.7 35.7	72.7	95.5	93.3	98.3	31.1	19.7	30.7	1.0
	400	66.1	35 • <u>7</u>	72.7	95.5	93.3	98.3	93.1	93.7	99.7	1 ; )
	300	57.I	35 <b>.7</b>	92 <b>.7</b>	95.6	99.3	78.3	99.1	97.7	97.7	1 77
	200	58.1	95.7	92.7	96.6	93.3	98.3	99.1	99.7		100
GE	100	63.1	35 <b>.7</b>	92.7	96.6	98.3	98.3	99.1	99.7	99.7	100
ĢÇ	ാാ	60.1	35.7	32.7	96.5	93.3	98.3	99.1	99.7	99.7	100

TOTAL NUMBER OF DESERVATIONS 900

J - J - 7:

1

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY FROM HOUSELY DESCRIPTIONS

± €40	GLAND AF	3 CA					1280: N HOURS:		JČŤ &B		-
• • • • •	W. C.		CTATHE	M 7 1 C C	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
-	915151L) 5E	117 19 J≟	STATUTE GE		6 =	GE	GE	G۴	<u>Ģ</u> ē	ΰĒ	5-
3	2 1/2			05 1 1/4			5/3		3/4		-
)	2 1/2	. 2	1 1/2	_1_1/7_		3/4	2/7	1/2		1/4	- )
	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
7	55.7	55.7	55.7	55.7	65.7	55 <b>.7</b>	55.7	55.7	56.7	55.7	56.7
77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
77.3	77.5	77. A	77.5	77.3	77.13	77.8	77.8	77.5	77.8	77.3	77.3
73.2	78.2	73.2	78.2	73.2	78.2	73.2	7-1.2	78.2	78.2	78.2	78.2
3		40.3	90.4	80.3	80.3	aŋ. a	30.3	40.4	30.B	30.3	30.0
5.1	35.1	35.1	35.1	35.1	95.1	35.1	35.1	35.1	ಚ5.1	55.1	ø5·1
3.2	35.2	85.2	36.2	35.2	95.2	56.2	85.2	35.2	35.2	35.2	35.2
1.5	43.5	d 5 . 5	35.5	54.5	43.5	~38.5	39.6	65.6	50.5	58.6	33.0
(1.)	aa.0	>; <b>○.</b> )	59.J	89.0	89.0	03.0	99.0	89.0	39.0	39.0	39.0
1.1	39.1	39.1	39.1	39.1	8).1	37.1	39.1	39.1	a9.1	a9.1	3°.1
13.3	90.3	90.3	90.3	30.3	30.3	90.3	90.3	93.3	90.3	90.3	40.3
11.4	90.4	92.5	20.7	₹0.7	90.7	90.7	90.7	93.7	93.7	90.7	90.7
2.3	12.1	73.5	73.1	₹3.1	73.1	93.1	93.1	93.1	93.1	93.1	93.1
13.7	93.7	63.5	34.0	74.7	94.7	94.0	94.0	94.0	74.7	94.7	94.0
1.5	95.5	95.3	95.9	35.9	95.7	75.9	45.9	75.9	95.9	35.9	35.3
1	_									_	_
7.4	25.4	95.3	95.9	75.9	47.0	97.0	97.0	<b>97.</b> 0	97.0	97.0	97.0
5.5	35.3	97.2	97.5	77.5	27.7	97.7	97.7	97.7	97.7	97.7	27.7
5.9	96.9	97.3	97.7	77.7	77.8	<b>17.</b> 8	47.3	97. र	97.9	97.3	97.3
7.3	77.	93.4	98.9	99.9	99.0	20.0	99.0	97.0	99.0	99.9	30.0
7.3	77.7	18.5	33.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1, ,	27 2	0.5		30.1	00.0	20.2		0.3.3	02.2	20.3	00.3
7.7	97.9	93.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
13.2	95.2 93.2	79.0 79.0	79.4	- <del>99.4</del> -	99.5	99.5 99.5	99.5	99.6 99.6	99.5	- <del>39.5</del>	99.5
14.2	70•2 75•2	99.0	99.4	99.4	99.5	99.5	99.6	97.6	99.6	99.5	99.5
13.3	99.2	99.0	99.4	99.4	99.5	99.5	99.6	93.6	99.6	99.6	99.6
	75€3	77.0	77.4	77.4	7743	97.3	77.0	77.0	77.0	9.4.0	7740
1,3	95.3	99.1	₹9.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.3
14.3	98.3	99.1	99.7	99.7	100.0	190.0	100.0	100.0	100.0	100.0	100.0
3.3	93.3	- <del>99.1</del>	99.7	99.7	100.0	100.0	130.5	100.0	100.0	100.0	<u> </u>
11.3	98.3	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12.3	98.3	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	120.0	100.0
• *				• • •	- · • ·			0 • 0		.,,,	
13.3	98.3	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
, , , , ,											
	· · · · · · · · · · · · · · · · · · ·										

## PERCENTAGE FREQUENCY OF OCCURRENCE & FROM HOURLY CASERVATI

STATION	N NÜMBERI	747540		AAN NCÎT LOTU CT		LAND AFB	LA			MD MD
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	VISIBILI	TV [N :		MILTS	• • •
CEILING	<b>,</b> G5	GF	sa	Sē	GE	GE GE	56	3141016 3E	G/	
14 FES <b>T</b>	ۍ. 7	ۍ. م		3 t		2 1/2	3.		1 1/4	
		7	5	<b></b>	3			1 1/2		
• • • • • •	,	• • • • • • • •		• • • • • • •	• • • • • •	•••••	• • • • • •			•••
NO CEI	55.7	57.2	72.2	74.1	75.7	75.7	75.8	<b>75.</b> 8	75.A	7
GE 2000	99 69.4	73.7	73.2	80 <b>.1</b>	81.7	51.7	81.8	31.9	31.8	3
GE 1800		73.5	70.3	80.2	ਰ1.3	31.3	31.)	31.9	31.9	3
GF 1500		73.4	78.3	30.2	31.8	81.8	61.3	91.9	31.3	3
GE 1400		74.3	79.9	30.4	82.3	92.3	92.4	32.4	22.4	a
GE 1200		75.2	30.2	82.6	34.1	94.1	34.7	24.2	94.2	3
GE 1000	00 63.0	77.0	32.5	84.7	35.5	35.5	35.7	36.7	36.7	3
GF 900		77.7	13.2	35.5	37.2	37.2	97.3	37.3	57.3	'n
GE 300		79.7	35.2	87.5	39.2	39.2	87.3	37.3	37.3	· · · · · · · · · · · · · · · · · · ·
GE 700		70.9	85.6	87.9	89.5	39.6	89.7	39.7	99.7	81
GE 600		30.1	35.8	88.1	39.8	39.3	99.9	29.9	37.9	9
SE 500	55.5	33.7	35.3	88.8	90.4	90.4	90.5	90.5	90.5	9.
GE 450		30 <b>.7</b>	36.3	38.3	90.4	<b>90.4</b>	20.5	90.5	30.0	<b>∌</b> ,
SC 400		92.1	33.2	90.9	92.6	72.5	92.7	92.7	72.7	্
GE 350		32.5	88.7	91.7	93.3	93.3	93.4	93.4	93.4	9.
GE 300		24.0	90.6	93.6	95.2	95.2	95.3	95.3	95.3	at
GE 250	00 53.4	34.5	91.1	94.2	95.9	95.9	95.1	96.1	95.1	91
GE 200	00 58.5	34.7	91.2	94.7	95.3	95.3	95.6	26.5	96.6	):
GT 130		34.7	91.2	94.3	95.4	76.4	75.7	75.7	<sup></sup> यठ7	7!
GE 150	30 59.3	35.1	91.8	95.5	97.2	97.2	91.4	97.4	37.4	7.
GE 120	00 59.0	35.1	91.9	95.7	97.4	97.4	97.7	97.7	97.7	9.
GE 100	5J 59.3	95.1	91.7	95.9	97.6	97.6	97.9	98.0	38. O	Q) i
- 95 - 90	00 59.0	35.1	71.9	95.3	97.6	97.5	97.9	93.0	93.0	91
" 'GET " '3!	77 79.7	35.1	91.9	95.3	97.5	97.5	93.0	99.1	78.1	<u> </u>
GF 70	30 59.5	35.1	91.9	95.3	97.6	97.6	93.0	98.1	93.1	3.
GE 50	00 59.0	35.1	91.9	95.8	97.5	97.6	99.0	98.1	98.1	9:
GE 50	50 59.0	85.I	92.4	96.3	98.1	98.1	79.5	99.7	98.7	7.
G5 40	00 59.3	35.2	72.8	96.7	93.4	98.4	99.2	97.3	99.3	<b>)</b> (
75E 30	59.5	35.4	93.0	96.9	99.0	99.0		99.9		101
GE 20	00 60.0	35.4	93.0	95.9	99.0	99.0		99.9	09.9	10:
GE 10	00 69.0	35.4	93.0	96.9	99.0	99.0	99.3	99.9	99.9	10'
							_			
GF 00	00 69.0	35.4	93.5	96.9	99.0	99.0	99.8	99.9	99.9	100
					• • • • • •	• • • • • • • •		• • • • • •		• • •

FREDUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY COSSERVATIONS

173	LA					:ORD: N HOURS:	NDV 75 - 21-23	OCT 88			
	* * * * * * * * * * * * * * * * * * *		MT1 56	• • • • • •		*****		• • • • • •	• • • • • •	• • • • •	
LI	SE SE	STATUTE		٠			è= ·	. سمنم	ے ہے ۔ · · ۔ - نام ۱۰۰۰	ď	
2		1 1/2	1 1/4	5E	9 1 /	GE 5/8			GE	ĜE O	
-			1 1/4			2/0	1/2	3/3	1/4	<u> </u>	
Ρ	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	
ŀ	<b>7</b> 5•9	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
7	81.8	31.8	31.3	31.9	31.9	81.9	81.9	81.9	81.9	81.9	
þ	31.7	31.9	<b>31.9</b>	32.0	32.0	82.0	82.0	82.0	82.0	52.0	
	81.7		31.9			92.0					
3	52.4		82.4			52.6				82.6	
1	84.2	94.2	84.2	84.3	84.3	84.3	34.3	34.3	34.3	34.3	
	35.7	36.7	36.7	86.3	96.8	86.3	86.8	86.8	86.8	86.5	
	97.3	37.3	37.3	57.4	87.4	87.4	87.4	37.4	87.4	87.4	
ž.	57.3		33.3		89.4	89.4	87.4	89.4	39.4	89.4	
را د.	ਲ9.7		99.7		89.8	89.3	39.8		89.8	39.8	
.)	90.9	89.9	37.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
•	43.5	90.6	90.5	90 <b>.7</b>	90.7	90.7	90.7	90.7	90.7	93.7	
•	30.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
)	72.7	92.7			92.8	92.8	92.8	92.3	92.8	92.3	
4	93.4	93.4	93.4		93.6	93.6	93.6	93.6			
ז	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
	95.1	96.1	96.1	95.2	95.2	95.2	95.2	96.2	96.2	96.2	
3	25.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
+	75.7	75.7	75.7	75.8	95.8	96.5	95.8	95.8	95.9	95.3	
`	97.4	97.4	97.4	37.5	97.6	97.6					
•	97.7	97.7	97.7	<b>97.</b> 8	97.8	97.8	97.8	97.8	97.8	97.8	
5	77.9	98.0	98.0	98.1	98.1	98.1	93.1	98.I	98.1	98.1	
)	97.9	93.0	93.0	98.1	98.1	98.1	98.1	98.1	98.1	93.1	
<b>'</b> ,	93.0	79.1	78.1	98.2	98.2	98.2	93.2				
5	93.0	98.1	99.1	99.2	98.2	98.2	98.2	98.2			
5	99.0	98.1	98.1	98.2	98.2	93.2	98.2	98.2	98.2	98.2	
l	3ª.5	98.7	98.7	98.3	98.8	98.9	93.8	98.3	98.3	98.3	
+	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
) [	77.3	99.9	99.9	100.0		100.0		100.0	100.0	100.0	
)	99.3	99.9	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.3	
)	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
)	<b>79.</b> 8	99.9		100.5				100.0			

PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY COSSERVATI

STATION	NUMBER:	747540		TO UTC		AND AFE	LA			ğΞ MT
CEILING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		ISIBILI	TV TN S	TATHE	#11 = S	• •
IN	GF	35	ĞE	GE		ĞE	i GE	SE	SE	
FEET	7	5	5	4	3	2 1/2	2		1 1/4	
		and an experience of the second of the second								
***************************************										
NO CEIL	39.0	52.1	59.4	62.4	65.3	65.8	66.5	57.1	67.1	6
GE 2000	0 43.3	58.3	55.3	69.5	72.6	73.1	73.9	74.4	74.5	7.
GE 1900		53.5	05.4	69.6	72.7	73.2	74.0	74.5	74.5	7:
SF 1500		58.5	55.5	59.7	72.8	73.3	74.1	74.6	74.7	- ج
GE 1400		58.9	66.0	70.2	73.3	73.B	74.7	75.2	75.2	7.
GE 1200		50.2	57.7	72.2	75.5	76.0	76.3	77.4	77.4	7
35 1000 P	0 45.3	52.5	71.0	75.5	79.0	79.5	80.5	31.0	31.1	÷,
SE 900		53.3	71.7	75.4	79.8	30.4	81.4	31.9	92.0	<b>n</b> .
SE 300	3 47.3	55.2	73.9	78.9	82.3	92.9	83.9	34.4	34.5	31
SE 700	0 48.0	65.4	74.2	79.1	32.6	83.2	34.1	34.7	54.5	- अ
GE 600	0 43.1	55.5	74.3	79.3	82.3	P3.4	44.4	84.9	55.0	<b>्र</b>
SE 500	0 48.4	ာပ် • ပ	74.9	80.0	33.5	84.1	85.1	35.6	35.7	3, 4
GE 450	3 42.5	55.2	75.2	30.3	83.8	34.4	83.4	85.9	36.0	40
GE 400	0 49.5	57.3	76.4	81.7	25.2	35.8	25.3	37.4	37.5	¥.
GE 350	0 49.3	57.7	77.0	82.3	85.3	96.5	<b>37.5</b>	38.1	33.1	3
GE 300	0 50.4	58.7	78.3	83.8	87.5	99.2	39.2	99.3	39.9	90
GE 250	ე 50.€	57.3	79.1	34.3	33.5	39.2	90.2	90.3	90.9	9
SE 200	0 51.1	69.7	79.6	95.3	89.1	99.B	90.8	91.5	91.5	9.
GE 180	0 51.2	59.3	79.7	85.5	39.3	90.0	91.1	91.9	91.3	9,
GE 150	0 51.5	70.3	80.5	86.4	90.4	91.1	92.3	93.0	93.1	ာ
GE 120	0 51.8	70.5	80.9	87.1	91.2	91.9	93.1	93.9	94.0	3,
GE 100	0 52.0	70.9	31.4	87.7	92.0		74.1	94.3	<b>34.9</b>	<b>(3</b> )
GE 90		71.0	31.7	88.0	92.3	93.1	94.4	95.2	95.3	9.
GE 30		71.1	81.8	89.2	92.7	93.5	94.9	95.7	95.8	91
GE 70		71.3	82.0	89.4	92.9	93.8	95.3	96.1	96.3	91
GE <b>50</b>	0 52.2	71.4	32.1	88.7	93.3	94.1	95.6	96.4	96.6	9
				n # -		3. F	75 77 TT 11		- · ng mag — mag	_
GE 50		71.5	82.4	39.0	93.6	74.5	95.1	97.0	77.7	Ģ
SE 40		71.5	32.5	39.1	93.8	94.7	95.5	97.4	97.5	9,
GE 30		71.5	32.5			94.9		97.5		9
GE 20		71.6	32.5	89.2	94.0	94.9		97.7		9
GE 10	0 52.3	71.5	92.6	89.3	94.0	94.9	96.7	77.8	93.0	9
35 00	0 52.3	71.5	92.6	89.3	94.0	94.9	96.7	97.B	98.5	3
• • • • • •				• • • • • •	• • • • • •		• • • • • •			• • •

TOTAL NUMBER OF DESERVATIONS 7200

# REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DISSERVATIONS

•••••	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • •	MILES	STATUTE	TY IN
 GF	GE	SE	GE	GE	GE		GE	SE	<u>:</u> ت
 9	1/4	3/8	1/2	5/8	3/4	11	1 1/4	1 1/2	. 2
• • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
 58.0	58.0	57.9	67.9	57.7	67.7	67.4	67.1	57.1	55.5
75.4	75.4	75.3	75.3	75.1	75.1	74.8	74.5	74.4	73.9
75.5	75.5	75.4	75.4	75.2	75.2	74.9	74.5	74.5	74.0
75.6	75.6	75.5		75.3	75.3	75.0	74.7	74.6	74.1
76.2	76.2	76.1	76.1	75.9	75.9	75.6	. 75.2	75.2	74.7
 78.4	73.4	78.3	78.3	78.1	78.1	77.8	77.4	77.4	75.3
82.1	32.0	32.0	82.0	31.8	31.7	51.4	~81.1	31.0	30.5
83.0	82.9	82.8	82.8	82.6	82.6	92.3	92.0	31.9	31.4
 85.5	35.4	85.3	85.3	85.1	85.1	84.8	84.5	34.4	23.9
85.7	R5.7	85.6	85.6	85.4	35.4	85.1	94.8	34.7	14.1
36.0	85.9	85.8	35.8	85.6	35.5	85.3	85.0	34.9	44.4
35.7	86.6	36.6	35.6	86.3	36.3	35.0	35.7	35.6	95.1
87.0	87.0	86.9	86.9	86.7	86.7	36.4	36.0	85.9	P3.4
 38.5	88.4	88.4	89.4	98.2	89.1	87.8	87.5	37.4	25.8
39.1	39.1	99.0	89.0	38.3	89.8	39.5	39.1	38.1	37.5
 90.9	90.3	90.9	90.8	90.5	90.5	90.2	39.9	39.3	39.2
 792.0	91.9"	91.8	91.8	91.6	91.6	91.3	90. <del>9</del>	90°8	90.2
92.7	92.6	92.5	92.6	92.3	92.3	92.0	91.5	91.5	90.B
	92.3	92.9	92.8	92.6	92.5	92.2	91.8	91.9	71.1
94.2	94.1	94.1	94.1	93.8	93.8	93.5	93.1	93.0	72.3
95.1	95.0	74.9	94.9	94.7	94.7	94.4	94.0	93.9	93.1
 93.0	96.0	95.9	95.9	95.7	95.7	95.4	74.9	94.8	24.1
95.4	96.4	96.3	96.3	96.1	96.1	95.7	95.3	75.2	34.4
			96.8	95.6	96.5	95.3	95.B	95.7	74.9
97.4	97.4	97.3	97.3	97.1	97.1	95.9	96.3	96.1	95.3
 97.8	97.8	97.7	97.7	97.5	97.5	97.1	95.6	96.4	95.6
 93.5	98.4	78.3	99.3	98.1	98.1	97.3	97.2	77.0	95.1
99.0	99.0	98.9	93.9	98.7	98.6	98.3	97.5	97.4	95.5
 99.5	99.4	99.3	99.3	99.0	99.0	98.5	97.3	97.5	95.6
99.8	99.7	99.5	99.5	99.2	99.2	98.7	98.0	97.7	96.7
 100.0	99.3	99.6	99.5	99.2	99.2	98.7	98.0	97.8	96.7
100.0	99.8	99.6	99.5	99.2		<u> 98.7</u>	98.5	97.8	95.7

7

PERCENTAGE EREQUENCY OF OCCURRENCE OF PROPERTY OF SERVATION METALY OBSERVATION.

ST	V VOITA	iUMB5₹:	747540		AF NCIT		LAND AFE	3 LA		· · · · · · · · · · · · · · · · · · ·	γÇ
e e	ILING	• • • • •	• • • • • • •		• • • • • •	•••••	VISIRII I	TV [N]	STATUTE	MILES	• • •
	IN	G€	GE	GE	SE	GE	GE	GE.	5E	GE	
	EET	7	5.	5	4	3	2 1/2	2	1 1/2	1 1/4	
พอ	CEIL	46.3	54.7	60.6	64.2	67.9	68.2	63.5	58.7	63.8	<b>6</b> :
SE	20000	47.5	55.3	52.0	55.7	59.4	59.7	70.0	13.2	70.3	70
35	18000	47.5	55.8	52.0	55.7	69.4	69.7	70.0	70.2	70.3	7.
GE	16000	47.5	55.8	62.0	65.7	69.4	69.7	70.7	70.2	70.3	7€
GE	14000	47.3	55.0	62.3	65.9	59.6	59.9	70.2	70.4	70.5	<b>7</b> 0
GE	12000	48.5	56.9	53.2	66.9	70.5	70.9	71.2	71.4	71.5	71
GE	10000	~ O• 2	59.2	56.0	59.7	73.4	73.8	74.1	74.3	74.4	74
GE	9000	50.4	59.5	56.2	69.9	73.8	74.1	74.4	74.6	74.7	74
GE	3000	51.1	60.9	53.0	72.2	76.1	70.6	76.9	77.1	77.2	77
GE	7000	51.2	51.1	59.3	72.5	76.5	76.9	77.2	77.4	77.5	77
GΞ	6000	51.2	51.2	68.4	72.5	75.8	77.2	77.5	77.7	77.8	73
SE	5000	51.3	51.5	68.3	73.0	77.3	77.7	78.1	73.3	75.4	73
55	4500	51.3	61.5	53.9	73.1	77.4	77.3	73.2	73.4	73.5	73
GĒ	4000	52.4	52.9	70.4	74.8	79.5	79.9	83.2	30.4	30.5	Ğ.F
GΕ	3500	52.5	53.4	71.1	75.5	90.1	90.5	31.0	31.2	31.3	ਰ1
GE	3000	53.0	54.1	72.0	76.5	81.2	81.8	32.2	32.4	32.5	82
G E	2500	54.1	55.2	73.3	73.5	83.5	84.2	84.5	84.7	34.3	55
G S	2000	54.2	65.4	73.5	78.8	84.1	34.7	85.2	35.4	35.5	85
GE	1800	54.2	65.5	73.7	79.0	84.3	84.9	85.4	35.6	35.7	36
GE	1500	55.4	57.0	75.8	81.4	36.3	87.4	87.5	38.1	98.2	85
GE	1200	55.5	57.5	76.8	82.5	87.3	88.5	84.7	99.1	89.2	84
SE	1000	55.9	58.3	73.0	83.7	89.1	89.8	90.9	91.1	91.2	91
GF	900	55.9	58.3	79.2	83.9	89.5	90.1	91.2	91.4	91.5	91
GE	300	55.9	53.5	73.6	34.7	91.0	91.5	92.7	92.9	93.0	93
35	700	56.1	59.0	79.5	86.3	93.0	93.7	94.7	74.9	95.1	95
GE	500	56.1	59.1	79.7	86.8	93.5	94.5	95.7	95.9	96.0	95
GF	500	55.2	69.4	30.5	37.5	94.7	95.7			77.5	98
SE	400	56.2	59.6	31.0	88.1	95.2	96.1	97.5	75.2	98.3	78
GE.	300		59.5	81.1		95.3			93.3	93.4	39
GE	200		59.5	81.1	88.2	95.4	96.3			99.5	99
GE	100	56.2	69.5	81.1	88.2	95.4	96.3	98.1	98.7	98.8	99
G <del>E</del>	000	56.2							93.7		
• • •	• • • • • •		• • • • • • •						• • • • • • •		• • • •

TOTAL NUMBER OF OBSERVATIONS 930

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

الموادرة الم		<del></del>				-82-82-	3632		<del></del>			
	LAND AFÉ	3 LA				OF REC		3V 78 -	OCT 38	•		
6					HINOM:	וווו	HOURS: (	00-02				
• • • • •	VISIRILI	ITY IN	STATUTE	MILES	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	
GE	GE	GE -	SE SE	GE	ĞĒ	GÈ	GĒ	GE	GE	GE	GΞ	
3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/9	1/4	0	
	• • • • • • •									***	••••	
<b>.</b>												
7.8	68•2	63.5	58.7	63.8	69.0	69.1	69.1	59.2	69.2	59.4	59.4	-
9.4	59.7	70.0	73.2	70.3	70.5	70.6	70.6	70.3	70.8	70.9	70.9	
9.4	59.7	70.0	70.2	70.3	70.5	70.6	70.6	70.8	70.8	70.9	70.9	
,9.4	59.7	70.0	70.2	70.3	70.5	70.6	70.6	70.3	70.8	70.9	70.9	
9.6	59.9	70.2	70.4	70.5	70.A	70.9	70.9	71.0	71.0	71.1	71.1	
70.5	70.9	71.2	71.4	71.5	71.7	71.8	71.8	71.9	71.9	72.0	72.0	
73.4	73.8	7		74.4	7/ 6	···· ¬						
ા. 73•ઇ	74.1	74.1 74.4	74.3		74.5	74.7 75.1	74.7	74.8	74.3	74.9	74.9	
13.0 15.1	76.6	76.9	74.6	74.7	74.9	77.5	75.1 77.5	75.2	75.2 77.5	75.3	75.3	
15.5	76.9	77.2	77.4	77.5	77.7	77.8	77.8	78.0	78.0		77.7	
15.8 15.8	77.2	77.5	77.7	77.8	78.1	73.2	73.2	78.3	78.3	78.1 78.4	78.1 78.4	
<b>ာ</b> •သ !	1102	11.5	11.1	11.0	10.1	13.2	(2.2	10.0	10.5	10.4	16.4	
7.3	77.7	73.1	73.3	73.4	73.6	78.7	79.7	75.8	73.8	73.9	79.9	
7.4	77.3	73.2	73.4	73.5	78.7	78.8	73.8	73.9	78.9	79.0	79.0	
17.5	79.9	80.2	30.4	30.5	30.9	81.0	81.0	81.1	31.1	81.2	81.2	
1 . در	90.5	91.0	81.2	31.3	81.5	31.7	31.7	31.8	81.8	31.9	91.9	
1.2	81.8	32.2	82.4	32.5	82.3	82.9	32.9	93.0	83.0	83.1	33.1	
1												
3.5	34.2	84.5	84.7	34.3	85.2	85.3	85.3	85.4	35.4	85.5	85.3	
4.1	34.7	85.2	35.4	35.5	95.₿	85.9	85.9	86.0	86.0	50.1	85.1	
4.3	34.7	85.4	85.6	35.7	86.0	86.1	86.1	85.2	86.2	ਰ6.3	35.3	-
h.3	87.4	87.5	98.1	98.2	88.5	38.6	88.6	88.7	38.7	88.3	88.8	_
7.5	93.5	88.3	89.1	89.2	89.5	39.7	69.7	89.8	39.8	39.9	39.9	
•	10.00	- <b>5</b> 6 - 6 -	<del></del>			re against an in-						
7.1	39.3	90.9	91.1	91.2	91.5	91.6	91.6	91.7	91.7	91.3	91.8	
9.5 1.0	30.1	91.2	91.4	91.5	91.8	91.9	91.9	92.0	92.0	92.2	92.2	
	91.5 93.7	92.7	92.9	93.0	93.3	93.4	93.4	93.5	93.5	93.7	93.7	
3.0		94.7	34.9	95.1	95.4	95.5	95.5	95.6	95.6	95.7	95.7	
3.5	94.5	95.7	95.9	96.0	96.7	96.8	96.8	96.9	96.9	97.0	97.0	
7	95.7	97.3	37.4	77.5	98.2	08 7	98.3	08.5	0 A . K	99 A	98.6	
2	96.1	97.5	97.4 98.2	98.3	73.2 78.9	79•7 99 n	70 • 3 99 : A	7047 99.2	99.9	98.6		
. 3	96.2	97.7	93.3	98.4	79.1	99.2	99.0	99.5	99.5	99.6	99.6	_
. 4		97.8		98.5		97.4			99.6			
. 4	96.3		98.7	78.8	99.6	99.7		99.9	99.9	100.0	100.0	
	. • •	- · ·			• .	. , • •	, , • •	, . • ,	,			
. 4	96.3	99.1	93.7	98.8	99.5	99.7	99.7	99.9	99.9	100.0	100.0	
												_

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CE

				LST	TO UTC	+ 6	AND AFB	LA			PERIOT
		• • • • • •	• • • • • • •	• • • • • •	• • • • • •				* * * * * * *		• • • • • •
CEILI	ÁR	<b>6</b> "	.s.=	A -	~ -		VISIBILI				o =
I V		SE			SΈ		GE	َ عَنْ فَ	GE	GE	GE.
FEET			5	5	<b></b>	3		2		1 1/4	l
• • • • •	• • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
NO CE	IL	33.0	40.3	47.2	52.8	56.2	57.3	59.0	50.3	60.6	61.4
SE 20	cco	33.7	41.3	43.5	54.3	57.7	59.0	50.9	52.2	52.5	53.2
GE 13	000	34.0	41.4	48.6	54.4	57.8	59.1	61.0	52.3	52.5	63.3
GF 16	000	34.0	41.4	48.6	54.4	57.8	59.1	61.0	52.3	52.5	<del> 63.3</del>
3E 14	000	34.0	41.7	48.9	54.7	58.2	59.5	51.3	62.5	52.9	63.7
GE 12	000	34.0	41.7	48.9	54.7	58.2	59.5	51.3	52.6	62.9	63.7
35 10	000	34.7	42.9	50.6	55.5	60.1	51.4	63.3	54.6	64.9	65.7
SE 9	<b>000</b>	35.3	43.4	51.2	57.0	60.6	51.9	53.9	55.2	55.5	56.2
GF 3	000	36.3	44.5	52.5	58.3	62.2	53.4	65.4	66.7	57.0	57.7
GE 7	000	36.9	45.2	53.1	58.9	52.3	64.1	65.0	57.3	67.5	68.4
55 6	202	37.2	45.5	53.4	59.4	63.4	64.7	65.7	53.0	63.3	59.0
Sc 5	000	37.4	46.3	54.4	60.5	64.6	55.9	67.3	59.1	59.5	70.2
	500	37.5	46.5	54.6	60.3	64.3	66.1	63.1	69.4	69.7	79.4
GE 4	303	35.0	47.0	55.4	51.7	65.8	67.1	67.0	70.3	70.5	71.5
	500	38.1	47.2	55.7	62.3	66.3	67.5	69.5	70.9	71.2	72.0
SE 3	000	38.4	48.0	56.3	53.7	63.0	59.2	71.3	72.6	72.9	73.⊰
	500	39.4	43.3	57.7	54.6	69.I	70.4	72.5	73.8	74.1	74.3
	000	39.5	49.0	59.1	65.3	69.8	71.1	73.3	74.7	75.2	75.0
	300	39.5	49.1	53.4	55.7	70.2	71.5	73.5	75.2	75.5	75.5
	500	40.4	50.1	59.3	67.3	72.2	73.4	75.7	77.2	77.6	<b>7</b> 8•5
3E 1	200	41.3	51.3	51.2	58.9	73.9	75.2	77.6	79.1	79.6	80.4
			,				:	1 90000 100			
	000	41.7	51.8	52.3	70.3	75.8	77.1	79.3	81.5	81.9	32.5
	900	41.3	52.0	62.5	70.6	76.2	77.5	80.3	82.2	82.5	93.4
	300	41.3	52.5	53.1	71.5	77.5	78.9	81.7	83.5	34.5	34.5
	700	42.0	53.1	64.5	73.7	30.6	82.2	85.1	97.0	37.4	83.3
GE	600	42.2	53.5	65.4	74.8	82.0	83.7	<b>95.7</b>	38.6	39.0	90.1
^6	500	62.3	53 7	4 <b>ፍ</b> ዕ	75 7	37 3	35. 1	יי דיים מ	- Q A - 3	an =	. <b>51</b> 5
	500 400		53 <b>.7</b>	65.8	75.7	83.2	85.I		90.3	90.3	91.5
	400	42.2	54.0 54.0	65.3	76.3	84.1 84.9	85.9	39.5	91.7	92.4	93.7
	300	42.4	54.0		75.5			90.5	93.4	94.5	
	200		ラ4 • U 57 - ち	66.3	76.5	84.9	86.9		93.4		
GΞ	100	42.2	54.5	55.3	76.5	85.2	87.1	91.0	7201	74.7	96.1
	<b>00</b> 0	42.2	54.0	65.3	75.5	85.2	87.1		93.7		
	• • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • • •	• • • • • •	• • • • • •	• • • • • •	

# FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

	LA		• • • • • •	HTMCM	nct	หมบจร:	03-05	OCT 88		• • • • •	
ILI	TY IN SE	STATUTE GE	MILES							GE -	
	2		1 1/4				1/2			)	
• • •					• • • • • •				• • • • • •	• • • • •	
		e									
3	59.0	50.3	60.6	61.4	51.8	61.8	62.3	62.3	52.5	62.9	
			10 At = 1		· · · · · · · · · · · · · · · · · · ·		دهيي بريوا ا				
9		52.2				63.8			64.5		
1	51.0					53.9			64.6		
1	51.0		52.5	63.3	63.9	63.9		64.3			
5	51.3	62.5	52.9 62.9	63.1	54.2	54.2		64.6	54.9		
5	51.3	52.6	52.9	63.7	54.2	54.2	54.5	64.6	54.9	65.2	
,	62 2	61. 4		2 = 3		٠ ـ	22 <del>3</del> -	42.3			
4	53.3		64.9		55.2	66.2	66.7			67.2	
<b>}</b>	53.9		55.5	56.2	56.8	66.8	67.2	57.2	67.5	67.7	
	65.4		67.0								
i		57.3	6/.5	68.4	58.9	68.9	59.4				
1	55.7	68.0	68.3	59.0	59.6	69.6	70.1	70.1	70.4	70.5	
,	(7)	, 5° 1		70.0			<b>3</b> 1 3	7. 2	<u></u>	The second second	
	67.3			70.2		70.8	71.3	71.3		71.3	
1					71.0		71.5	71.5			
1			70.5				72.5	72.5	72.9		
5	69.5	70.9	71.2	72.0	72.5	72.6	73.1		73.4		
2	71.3	72.6	12.9	73.8	74.3	74.3	74.8	14.3	75.2	75.4	
·	72.5	73.8	74.1	74.9	. 75 5	75.5	77	77 A	·#2****5***	· · • · · · · · · · · · · · · · · · · ·	
1											
5	73.3	74.7			76.6	76.6	77.1	77.1	77.4	77.6	
	73.3	75.2				77.0				79.1	
4	75.7					79.0					
3	77.5	79.1	79.6	80.4	81.0	81.0	81.5	81.5	81.8	32.0	
1	79.3	81.5	81.9	25.5	633	83.3		65 5	57 15 1	52.4	
5	80.3								_	84.4	
		92.2	82.6 34.3	83.4		~	84.5	84.5	94.8	35.1	····
	51.7						85.9				
2			87.4								
7	35.7	38 <b>₽</b>	39.0	40 • I	90.5	90.8	91.3	91.3	91.6	91.8	
1	88.2	90.3	90.3	91.8	92.6	92.6	93.2	93.2	73 E	n	
0	39.5	91.7	92.4	93.7				95.1	93.5	93.3	
3	93.5	73.3	94.5	95.4	94.4	94.4	95.1 96.3		95.4	95.6	
7 <b>7</b>	70.8	93.4	94.3	95.7	96 • B			95.8	97.4	97.6	
1	71.5	93.7	94.5	96.1		95.8	97.5	97.5	98.3	98.6	
L	71.0	7701	74.7	70.1	97.4	97.4	98.3	98.4	99.4	99.3	
l	91.0	<b>73.7</b>		96.I	97.4	97.4	98.4	70 E	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	T X A	
		93• <i>1</i>						98.5	99.5		

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF FRUM HOURLY GASERVATION

ST	NCITA	NUMBER:	747540		PAR RCIT		LAND AFB	LA			स्ट्रा भग्ना
C.E	ILING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		VISIBILI	TY IN	STATUTE	MILES	• • • •
	IN	GE	GE	GE	GE		GE	GE	3E	ĞE	GE
	EET	7	5	5	4	3		5	1 1/2	1 1/4	1
									• • • • • • •		• • • •
									<b>=</b>		
СИ	CEIL	21.0	29.4	34.0	37.8	43.1	45.4	48.5	50.0	50.3	51.
<b>c</b> =	2222		اع دو	3	40.1		40.00	ė.		77.3	<i>- ,</i>
	20000 13000		30.5 30.5	35•4 35•5	40.1 40.2	45.6 45.8	48.2 48.2	51.2 51.4	52.7 52.9	53.0 53.2	54. 55.
	15000		30.5	35.5	40.2	45.8	48.2	51.4	52.9	53.2	55.
	14000		30.5	35.5	40.2	45.8	48.2	51.4		53.2	55.
	12000		30.3	35.8	40.5	46.1	48.5			53.5	55
		· <del></del>	· = =								
SE	10000		32.2	37.7	42.5	48.2	50.5	53.9	55.4	55.7	57.
G.F.			32.4	35.3	43.2	49.0	51.4	54.7	55.2	56.6	53.
GE			34.5	40.5	45.7	51.5	54.3	57.3	53.9	59.2	51.
GE			35.2	41.2	46.3	52.2	54.6	5 d • <u>0</u>	59.5	59.9	51.
GE	6000	24.9	35.3	41.3	46.8	52.7	55.2	5 S • S	60.1	50.4	62.
GE	<b>50</b> 00	25.3	35.3	41.9	47.5	53.4	55.9	59.4	51.0	51.3	o3.
GE GE			35.7	42.3	48.0	53.9	55.3	59.9	51.5	51.3	5 <b>5.</b>
- 5E			35.5	43.5	48.7	54.7	57.2	67.3	62.5	52.8	54.
GE			36.9	43.7	49.4	55.5	58.1	01.5	53.4	53.8	ó5.
GE			37.2	44.7	50.4	56.7	59.2	63.0	54.9	55.3	67.
				, , , .		·					
Ğΰ	2500	27.0	37.8	45.5	51.2	57.4	50.1	53.9	55.8	55.1	5 4 ·
35			33.6	46.7	52.5	53.7	51.4	65.3	67.2	57.5	59.
GE			35.7	45.8	52.6	53.8	51.5	55.4	67.3	37.5	″59 <b>.</b>
GE			39.5	48.0	54.2	60.5	63.3	67.4	59.5	69.9	72.
CΞ	1200	24.7	40.5	48.9	55.4	61.8	54.6	59.9	71.1	71.4	73.
c r	100:	1	. ,	10.6	<b>ታ</b> ኤ ሬ	63.1	44 3	<b>7</b> 5.8	72.9	73.2	<b>7</b> 5.
GE GE			41.1	49.6 50.0	56.5 5 <b>7.</b> 1	63.8	55.2 57.0	71.7	73.9	14.2	76.
02 5E			41.3	50.I	57.3	54.3	57.5	72.4	74.5	74.9	<del></del>
GE			41.3	50.3	58.9	56.8	70.0	75.4	77.7	79.3	80.
GE			41.3	50.8	59.1	67,5	71.1	76.9	79.2	79.9	32.
<del>-</del>	<b>.</b>	, <del></del>		,,,,			. • •		• • - =	• -	-
GΞ	500	29.4	42.0	51.0	59.5	68.8	72.8	<b>7</b> 3.6	31.6	82.4	35.
Se	400		42.2	51.1	50.1	59.3	73.8	73.7	33.2	34.1	37.
ÇE			42.2	51.1	60.2	70.4	74.5	30.5	34.6	35.6	मुख्.
GE			42.2	51.1	60.2	70.4	74.5	30.5	34.7	85.8	90.
ĠΕ	100	29.4	42.2	51.1	60.2	70.4	74.5	30.5	94.7	85.8	90.
G S	<b>9</b> 00	29.4	4.5.3	21 1	47. 3	70.4	74.5	90.5	34 <b>.7</b>	35.3	90.
			42.2	51.1	60.2		-				
• •		,	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • •

# CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY GOSERVATIONS

iGL	AND AFE		• • • • • • •			OF REC			OCT 38			
٧		TY IN	STATUTE	MILES							• • • • •	
			3E								GE	
			1 1/2	·				1/2	3/8	1/4	<u> </u>	
• •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	
	45.4	48.5	50.0	50.3	51.9	52.8	52.3	53.4	53.5	54.1	54.5	
)	48.0	51.2	52.7	53.0	54.5	55.8	55.8	56.5	56.6	57.1	57.5	
3	48.2	51.4	52.9	53.2	55.2	56.1	56.1	56.8	56.9	57.4	5 <b>7.</b> 5	
	43.2	51.4	52.9	53.2	55.2	56.1	56.1	56.8	56.9	57.4	57.3	
3	43.2	51.4	52.9	53.2	55.2	56.1	56.1	56.8	56.9	57.4	57.9	
	48.5	51.7	53.2	53.5	55.5	56.5	56.5	57.1	57.2	57.7	58.2	
	-0 =	E ) O	e e	55.7	· e		58.6	5'A "5"	55.7	F0 0	(0.3	
	50.5 51.4	53.9 54.7	55.4		57.5	58.6		59.2	59.4	59.9	60.3 61.2	
	54.5	57.3	56.2 58.9	56.6 59.2	53.5	59.5	59.5	60.1	50.2	60.8		· · · · · · · · · · · · · · · · · · ·
, 1	54.6	5d.0		59.9			62.2	62.8	62.9	63.4	63.9	
,					61.3	52.8	52.8	63.4	63.5	54.1		
,	55.2	55.5	60.1	50.4	52.4	53.3	63.3	64.0	54.1	54.6	55.1	
,	55.7	59.4	51.0	51.3	63.2	54.2	54.2	<b>54.</b> 8	54.9	υ5.5	65.3	
•	55.3	59.9	51.5	61.3	53.3	54.7	64.7	65.4	55.5	55.0	66.5	
•	57.2	51.3	62.5	52.3	54.7		65.7	65.3	56.5	67.0	57.4	
,	58.1	01.5	53.4	<b>63.</b> 8	65.7	56.7	66.7	57.3	67.4	58.0	58.4	
,	59.2	63.0	54.9	65.3	67.3	68.3	68.3	58.9	69.0	69.6	70.0	•
	50.1	53.9	55.8	55.1	58.2	59.1	69.1	69.8	69.9	70.4	70.9	
•	51.4	65.3	67.2	67.5	69.5	70.5	70.5	71.2	71.3	71.8	72.3	
	51.5	55.4	57.3	57.5	59.7	70.5	70.6	71.3	71.4	71.7	72.4	
	63.3	67.4	59.6	69.9	72.3	73.2	73.2	73.9	74.0	74.5	74.9	
	54.6	59.9	71.1	71.4	73.8	74.7	74.7	75.4	75.5	76.0	76.5	
	55.2	<b>7</b> 5.8	75 0		75.7	72		33 5	19917		376 /	
	57.3	71.7	72.9 73.9	73.2 14.2	75.7 76.7	75.7 77.5	76.7	77.3	77.4	78.0	75.4	
	57.5	72.4	74.5	74.9	77.4	78.4	77.5	78.3	78.4	78.9	79.4	
							73.4			79.7		
	70.0	75.4	77.7	79.3	80.9	31.7	81.7	82.5	82.6	33.1		
	71.1	76.9	79.2	79.9	32.7	83.8	93.8	84.5	84.6	95.2	85.6	
	72.8	73.6	<del>3</del> 1.6	32.4	95.5	86.6	86.6	87.3	37.4	83.0	33.4	
	73.8	79.7	33.2	34.1	87.8	39.0	39.0	89.9	90.0	90.5	91.0	
	74.5	90.5	34.6	35.6	89.5	91.1	91.1	92.3	92.4	93.3	93.9	
	74.5	80.5	34.7	85.8	90.3	91.9	92.0	94.1	94.2	95.9	96.6	
	74.5	30.5	94.7	85.8	90.4	92.4	92.5	95.2	95.3	97.3	99.2	
	74.5	80.5	74.7	35.3	70.4		92.6				100.0	
• •	• • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • •	

#### PERCENTAGE PREDUENCY OF OCCURRENCE OF C FROM HOURLY DISERVATIONS

STATION	I NJMBER:	747540		AV NCIT		LAND AFE	S LA			PEST)
CEILING		• • • • • •	• • • • • •	• • • • • • •	• • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •
14	SE	35	GE	SE	SE	GΞ	ĢΞ	G#	SΞ	SE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
NO CEIL	. 34.6	45.3	49.7	51.7	52.7	53.0	53.4	53.8	53.3	53.3
SE 2000	37.4	49.1	54.5	57.2	53.2	58.5	53.4	59.2	59.2	59.2
GF 1500		49.4	54.7	57.4	53.5	58.3	59.2	59.6	59.5	59.5
SF 1600		47.4	54.7	57.4	53.5	58.3	59.2	59.6	59.5	59.5
SE 1400		49.5	54.9	57.6	58.7	59.0	59.5	59.3	57.8	57.3
GE 1200		49.8	55.5	58.3	59.4	59.7	50.1	50.4	60.4	60.4
GE 1000	)0 <b>3</b> 5.3	51.1	<b>57.3</b>	50.1	61.2	51.5	61.9	52.3	52.3	52.3
SE 900		52 O	33.3	61.3	52.4	52.7	63.1	53.4	53.4	43.4
GF 300		54.3	50.6	63.7	64.9	55.3	65.7	55.0	56.0	55.0
GE 700		55.2	61.7	64.7	56.0	56.3	55.3	67.1	57.1	57.1
GE 500	00 41.5	55.3	61.9	64.9	55.2	66.6	57.0	57.3	67.3	67.3
SE 500	00 41.7	55.8	62.7	65.8	57.2	67.5	63.0	58.3	65.3	5º2 • ¹
SE 450	00 41.9	55.1	53.1	55.2	67.5	<b>58.</b> 0	53.4	53.7	55.7	64.1
GE 400	0 42.7	57.2	54.3	67.5	53.9	59.2	57.7	70.2	70.2	73.2
SF 350	10 42.3	57.7	55.1	58.3	69.8	70.1	70.9	71.2	71.2	71.3
GE 300	43.9	59.0	66.7	70.1	71.9	72.4	73.1	73.4	73.4	73.4
GE 250	0 45.1	50.4	69.1	71.5	73.4	73.9	74.7	75.1	75.1	75.1
GE 200	0 45.4	51.5	59.4	73.0	74.9	75.4	75.3	76.7	75.7	75.
3F 190	7 45.5	61.9	59.7	73.3	75.4	75.8	75.9	77.2	77.2	77.
GE 150		63.5	72.5	76.5	78.8	14.4	80.5	31.1	31.1	31.
SE 120	0 45.9	54.5	73.8	78.2	81.1	81.6	93.0	33.4	33.4	83.0
GE 100	0 47.2	65.2	74.7	79.9	83.5	<b>84.3</b>	36.0	96.7	35 <b>.7</b>	°5.
SE 90		65.4	75.2	80.5	94.7	55.5	A7.3	33.0	33.0	37.
35 80	0 47.3	55.7	75.9	31.7	36.3	37.2	39.1	99.3	39.3	o 🤼 🔒
GF 70	0 47.3	55.9	77.3	63.0	89.4	39.5	92.3	93.3	93.3	93.
GE 60	10 47.3	66.0	77.1	83.2	38.7	99.9	92.3	94.1	94.1	94.
GE 50	0 47.4	55.3	77.5	84.4	90.4	91.7	95.4	96.9	97.0	97.
G5 40	0 47.4	66.3	77.6	34.6	91.0	92.3	95.0	97.7	98.1	13.
55 30		55.3	77.6	34.5	91.0	92.3		78.2	₹.5	<b>33.</b>
GE 50		55.3	77.6	84.6	91.0	92.3	96.1	98.4	75.7	99.
GE 10	0 47.4	56.3	77.5	84.6	91.0	92.3	95.1	98.4	93.7	99.
GE 00	0 47.4	56.3	77.5	84.6	91.0	92.3	96.1	98.4	98.7	99.

## CINTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUGHY OBSERVATIONS

HGLA	NO AFB	LA			PERIOD	OF REC	DRD: N	73 -	JCT 38		
					:PINDM	OCT	HOURS:	09-11			
• • • •		• • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
VI			STATUTE		<b>6</b> -	c =	2.5	c =	c r		
	3E	GE	5£	ĞE		GE 3.44	GE E 12	5Ē	6E	3E 1/4	3.5 ე
	2 1/2	2	1 1/2	1 1/4	<u>l</u>	3/4	5/8	1/2	3/8	1/4	
• • • •	• • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••
7	53.0	53.4	5 <b>3.</b> 8	53.8	53.8	53 <b>.</b> 8	53.8	53.8	53.8	53.4	53.3
2	53.5	55.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
	58.3	59.2	59.6	59.5	59.5	59.6	59.6	59.6	59.5	59.0	59.0
	58.3	59.2	59.6	59.5	59.6	59.6	59.0	59.6	59.6	57.5	59.6
7	59.0	59.5	59.3	57.8	59.8	59.8	59.3	59.8	59.8	59.9	59.3
4	59.7	50.1	50.4	60.4	60.4	50.4	50.4	50.4	60.4	50.4	50.4
2	61.5	61.9	52.3	52.3	52.3	52.3	52.3	62.3	62.3	62.3	52.3
	52.7	63.1	53.4	53.4	53.4	53.4	63.4	63.4	63.4	53.4	53.4
9	55.3	65.7	55.0	56.0	55.0	50.0	66.0	65.0	66.0	55.0	55.0
	56.3	55.3	67.1	67.1	57.1	57.1	67.1	67.1	67.1	67.1	67.1
2	66.6	57.0	57.3	67.3	67.3	57.3	67.3	57.3	57.3	57.3	57.3
2	57.5	65.0	58.3	63.3	68.3	68.3	63.3	58.3	53.3	58.3	58.3
	38.3	53.4	53.7	5ŝ.7	63.7	58.7	63.7	68 <b>.7</b>	63.7	53.7	50.7
9	59.2	57.7	70.2	70.2	73.2	70.2	70.2	70.2	70.2	70.2	73.2
ਲ	70.1	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
င	72.4	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
4	73.9	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
4	75.4	75.3	76.7	76.7	76.7	76.7	75.7	76.7	76.7	75.7	75.7
	75.5	75.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
	79.4	30.6	31.1	31.1	31.1	81.1	81.1	81.1	31.1	01.1	91.1
1	a1.6	93.0	33.4	83.4	83.4	83.4	33.4	93.4	33.4	33.4	33.4
5	84.3	36.0	96.7	36.7	85.7	86.7	A6.7	36 <b>.7</b>	86.7	86.7	86.7
	55.5	87.3	88.0	33.0	38.0	98.0	38.0	83.0	86.9	0 . ان ت	33.O
	37.2	37.1	39.3	39.3	P7.8	39.8	89.3	89.8	39.3	59.8	89.8
	39.5	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
7	99.9	92.3	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
4	91.7	95.4	96.9	97.0	97.2	97.4	97.4	97.4	77.4	97.4	97.4
	72.3	95.0	97.7	96.1	13.5	98.7	93.7	93.7	98.7	95.7	93.7
		95.1	₹8.2	98.5	73.9	99.5	99.6	99.5		99.6	99.5
		95.1	98.4	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.3
)	92.3	95.1	98.4	98.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0
		96.1	98.4	98.7	99.1	99.7	99.9	100.0		170.0	100.0
• • • •	• • • • • •	• • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • •

## PERCENTAGE FREQUENCY OF MODIFIER TRANSPORT OF MODEL OF MODIFIER OF

STATI	r vet	िंभी विदेश	747540		AAF NEIT		EFA CVA	LA			35517:
CEILI	l ne	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	· · · · · · · · · · · · · · · · · · ·	/ISISILI	TY I'	STATUTE		• • • • • •
1.4		SE	GΕ	SE	ŝĘ		SE		5:		·;
FEET	Γ	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1
• • • • •			• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •
NO 06	FIL	45.8	55.4	55.5	55.6	55.6	56.6	55.6	56.5	56.5	00.V
GE 20	2000	52.0	53.4	55.4	65.5	65.5	55.5	55.5	55.5	55.0	95.5
SE 15		52.2	53.7	55.6	55.7	65.7	65.7	55.7	55.7	o5.7	55.7
GE 16	5000	52.2	53.7	55.5	65.7	55.7	45.7	55.7	55.7	55.7	55.7
GE 14	000	52.3	54.0	55.9	66.0	56.0	66.0	55.0	56.0	55.0	55.0
GE 12	2000	52.4	54.9	66.9	67.0	67.0	67.0	67.0	47.0	<b>67.</b> 0	47.7
35 10	0000	53.3	57.3	59.2	69.5	67.6	69.5	54.5	51.0	59.5	57.1
	3000	54.3	58.1	70.2	70.5	70.5	70.5	70.5	70.5	70,5	7).,
	3000	55.2	59.2	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.
	7390	55.0	70.5	73.0	73.4	73.4	73.4	73.4	73.4	73.4	72.1
	5000	56.0	70.4	73.3	73.3	73.3	73.9	73.3	73.3	73.3	73.
			•				, 30 ,	, , ,			
SE A	1000	55.5	71.5	74.1	74.5	74.6	74.5	74.5	74.6	74.5	74.
	÷500	55.7	71.5	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4	000	57.3	73.0	75.5	76.1	76.1	76.1	73.1	76.1	75.1	75.1
<b>3</b> 8 3	3500	59.9	74.2	76.9	77.4	77.4	77.4	77.4	77.4	77.4	71
35 B	3000	51.1	77.0	79.9	80.6	81.0	81.0	51.J	31.0	31.5	51 · ·
	2500	63.2	30.5	33.9	84.7	85.6	35.7	35.7	35.7	30.7	? • آ د
	2000	53.9	92.0	36.0	57.1	38.2	23.3	33.3	33.3	5- 3	4 5 <b>.</b> 3
	300	54.0	32.2	36.1	87.2	99.3	88.4	83.4	38.4	34.4	90.
	1500	55.1	93.5	88.3	89.9	$91 \cdot 1$	91.2	21.2	21.3	31.3	91.3
SF 1	1200	55 <b>.</b> 5	85.2	90.1	91.9	93.5	93.7	93.7	33.3	)), a	93.
35 1	1001	66.1	35.0	21.2	93.1	94.7	94.8	94.3	94.9	14.)	34.0
35	900	66.1	85.3	91.6	93.5	95.4	95.5	95.5	95.7	35.7	15.7
ĠĘ	305	66.2	86.7	92.2	94.2	96.3	96.5	97.3	97.3	97.3	97.3
GE	700	56.2	86.7	92.4	94.3	97.4	98.0	93.7	96.3	99.3	વ્યક્ર
3E	500	66.2	36.7	92.5	95.2	97.8	98.4	99.2	99.4	77.4	97.4
									22.0		
GF Or	503	55.3	୍ଧିତ • ବି	92.8	95.5	93.3	98.3	99.3			77.5
G E	400	65.3	36.3	92.8	95.5	93.4	98.7	97.)	100.0		100.)
SE	300	56.3		92.8	95.6	98.4	98.9	99.9	100.0		100.0
GE	200	56.3	25.3	92.5	95.6						102.1
GE	100	66.3	86.8	92.8	95.6	98.4	98.9	99.3	100.0	100.0	100.0
SE	000	66.3	86.8	92.3	95.5	93.4	93.9		100.0		100.0
	• • • •		• • • • • •		• • • • •				• • • • • • •	• • • • • • • •	

NTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HUNRLY OBSERVATIONS

EEA CRAL				чаитч:	DOT	:0x7: N HOURS:	12-14		, 		
VISIBILI	LIA IN	STATUTE	MILES								
3E	3.7	Sr		G=	GŒ	SE	SH.	SE	SE	ĴΞ	
2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	)	
<b></b>	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
55.6	55.5	56.5	56.6	55.5	55.5	56.6	55.5	56.6	55.5	56.6	
55.5	50.5	55.5	55.5	55.5	65.5	65.5	65.5	65.5	65.5	65.5	
55.7	55.7	55.7	55.7	55.7	55.7	65.7	55.7	65.7	65.7	65.7	
45.7	55.7	35.1	55.7	55.7	65.7	65.7		65.7	55.7	55.7	
55.0	55.0	56 <b>•</b> 9	55 <b>.</b> 0	65.0	55.0	56.0	55.0	65.0		55.0	
57 <b>.</b> 0	07.0	67.0	67.0	67.0	57.0	67.0	67.0	67.0	67.0	67.3	
÷ 39∙5	54.5	59.n	59.5	59.5	69.5	59.5	69.5	67.5	59.5	59.5	
70.5	73.5	70.5	79.5	73.5	70.5	70.5	73.5	7.1.5	70.5	70-5	
72.0	72.5	72.0	72.0	72.3	72.0	72.0	72.0	72.5	72.6	72.0	
73.4	73.4	73.4	73.4	73.4	73.4	73.4				73.4	
73.9	73.3	73.A	73.3	73.5	73.9	73.3	73.R				
1 ) 4 .	1211	13.		13.	134	<b>(</b> .9 € 3	1 2 1 2 3	7 7 .	134 ,	(34)	
74.5	74.5	74.6	74.5	74.5		74.5	74.5	74.6	74.5	74.5	
74.7	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
76.1	70.1	76.1	76.1	75.1	75.1	75.1	76.1	76.I	76.1	76・1	
77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
31.0	°1.3	31.0	81.0	C • 18	51.0	∃1.0	31.0	81.0	₹1.0	31.0	
35 <b>.7</b>	35 <b>.7</b>	35.7	95.7	35.7	95 <b>.7</b>	35.7	85.7	95.7	35.7	35.7	
و ، ود	33.3	33.3	88.3	8a.3	85.3	93.3	89.3	86.3	36.3	88.3	
88.4	83.4	38.4		ष3.4	₹33.4		93.4		38.4	38.4	
91.2	91.2	21.3	91.3	91.3	91.3	91.3	91.3	91.3		91.3	
93.7	93.7	93.3	93.9	93.3	93.8	73.8	93.9	93.8	93.8	93.8	
94.3	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
95.5	95.5	95.7	25.7	25.7	95.7	95.7	95.7			95.7	
96.5	57.5	97.3	97.3	97.3		97.3	97.3	97.3	97.3	97.3	
98.0	95.7	98.3	99.3	99.9	98.3	98.8	98.B			98.3	
08.4	99.2	99.4	79.4	99.4	99.4	99.4	93.4	99.4	99.4	99.4	
93.3	99.3	99.9	77.9	99.9	99.9	79.9	99.9	99.9	99.9	99.7	
95.)	97.)				100.0	100.0	100.0	100.0	100.0	100.0	
23.9			100.0				100.0			100.0	
ာ်ဂို ရ	93.9				100.0	100.0	100.0	100.0	100.0	100.0	
23.9	99.9		100.0		100.0	100.0	100.0	100.0	100.0	100.0	
93.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
			_								

#### PERCENTAGE PREQUENCY OF DOCUMENCE 1 FROM HOURLY DASCRYATI

ST	ATION	NJM358:	747540		TO UTC		GLAND AFE	5 LA			
	ILING		• • • • • • •		• • • • • • •	• • • • • •	VISIBILI	,	CTATHE	• • • • • • • • • • • • • • • • • • •	• • •
	IN	GE	Jä	SE	3E	GE	\$5 SE	SE	STRIUIT.	97 97	,
	EET	7	5	5 · ·	4	3	2 1/2	2	1 1/2		.
				• • • • • •	• • • • • • •	• • • • • •					-
8461		5 0 E	er en eg	50 6	er (s 7)	50.0	10.0	: 6. 0	. <b>.</b> .		
NU	CEIL	50.5	5 <b>7.</b> 3	59.4	59.7	59.9	50.0	60.0	60.0	60.0	5
_	20003		67.0	59.7	69.0	69.2	59.4	69.4	59.4	59.4	5
	19000		57.5	59.4	59.7	69.9	70.0	70.0	70.0	70.0	7'
	1500		67.5	57.4	69.7	69.9	70.0	73.0	70.0	70.0	?:
	14000		68.0	69.7	70.0	70.2	70.3	70.3	70.3	70.3	7
6½	12000	0 53.6	59 <b>.7</b>	70.5	70.9	71.1	71.2	71.2	71.2	71.2	71
3E	10000	0 60.6	71.0	73.2	73.3	74.0	74.1	74.1	74.1	74.1	74
GE	900	0 51.3	71.7	74.0	74.5	74.7	74.3	74.3	74.8	74.5	74
35	9007	53.3	74.9	77.6	78.3	73.6	79.7	73.7	78.7	73.7	75
GE			75.5	78.4	79.1	79.5	79.7	79.7	79.7	73.7	73
GE	5000	0 54.0	75.3	79.5	79.4	79.9	80.0	80.0	30.0	30.0	30
7=	5001	0 54.4	75.7	79.6	80.5	81.1	91.2	81.2	31.2	31.2	51
35		0 54.7	77.0	30.0	31.3	31.5	31.5	31.5	31.5	31.5	91
GE	4000	5 65.7	73.3	81.3	82.3	82.8	32.9	52.7	82.9	A2.9	32
GE			C.08	83.3	34.4	84.9	85.1	55.2	35.2	85.2	გხ
GΕ	3000	0 53.4	31.9	85.4	86.7	97.3	87.4	87.5	3 <b>7.</b> 5	87.5	<u>9</u> 7
35	2500	0 70.0	34.2	27 <b>.</b> 3	89.1	90.2	90.3	93.4	90.4	30.4	90
G.F	2000		34.4	38.3	39.5	20.5	90.9	91.0	91.0	91.0	91
GF			34.5	33.7	93.5	91.2		71.4	71.4	71.4	71
SE			36.0	30.4	91.7	92.9	93.0	93.1	93.1	93.1	93
GE			36.3	91.1	92.4	93.7	93.8	93.9	93.9	93.9	93
SE	1000	0 71.5	36.9	91.9	93.2	94.5	94.5	94.7	94.7	94.7	94
5.7	900		37.4	92.5	93.3	95.1	95.2	95.3	95.3	95.3	45
T GE			<b>म7.</b> म	73.0	94.7	95.6	75.7	97.0	97.0	77.5	77
GE			88.0	93.3	95.4	97.4	97.R	98.2	98.2	93.2	đл
GE			88.0	93.4	95.7	98.0	98.4	98.9	98.9	99.9	99
GE	500	71.9	83.0	93.7	95.1	93.4	98.3	99.4	99.4	99.5	99
ŠĒ			33.0	93.7	96.1	98.4	98.8	99.4	99.4	79.5	9
GE			89.0	93.7	96.1	93.6	79.0	99.5	99.6	99.7	79
GE	200		83.0	93.7	96.1	98.6	99.0	97.5	99.6	99.7	99
GE			38.0	93.7	96.1	98.6	99.0	99.6	99.6	79.7	99
ĢĘ	000	71.7	98.0	93.7	96.1	93.6	99.0	99.5	99.6	99.7	99
• •	• • • • •		• • • • • • •						• • • • • •		• • • •

TOTAL NUMBER OF DESERVATIONS 930

# NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DOSERVATIONS

NU AF6	LA			PERIOD MONTH:	OF RECO	JRO: N HOURS:		OCT 88			
SIBILI	77 [V	STATUTE			• • • • • • •			• • • • • •	• • • • • •	• • • • •	
SE	G'E	SE	<u>G</u> E	GE	ĞÉ	GE	ĢΞ	GE	ĞĒ	GE	
2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	<u> </u>	
	• • • • • •	• • • • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
50.0	50.0	60.0	60.0	60.0	50.0	60.0	60.0	60.0	60.0	50.0	
7.4	59.4	39.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	59.4	
70.0	70.0	73.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
70.0	73.0	70.0	70.0	70.0	70.0	70.0	79.0	70.0	70.0	70.0	
0.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
1.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
4.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
4.3	74.8	74.8	74.8	74.8	74.8	74.3	74.5	74.8	74.3	74.8	
10.7	73.7	78.7	73.7	73.7	78.7	78.7	73.7			75.7	
79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
0.0	RO.0	30.0	30.0	80.0	50.0	30.0	90.0	80.0	30.0	90.0	
1.2	81.2	31.2	31.2	61.2	81.2	81.2	81.2	81.2	81.2	81.2	
1.5	31.5	31.6	31.5	81.5	81.6	31.6	31.5	31.6	81.5	31.5	
2.9	32.7	82.9	32.9	82.7	82.9	32.9	53.0	83.0	£3.0	63.0	
5.1	85.2	95.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	95.3	
7.4	87.5	37.5	87.5	87.5	87.5	87.5	97.6	97.6	87.5	87.6	
0.3	93.4	90.4	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	
10.9	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	
1.3	71.4	71.4	71.4	71.4	91.5	ग.5	91.5	91.6	91.5	91.5	
3.0	93.1	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	
3.8	93.9	73.7	93.9	93.7	94.0	94.0	94.1	94.1	74.1	94.1	
4.5	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	
5.2	95.3	75.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	
5.7	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	
7.A	98.2	98.2	98.2	98.2	98.3	98.3					
8.4	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	
8.3	99.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	
B.B	99.4	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	
7.3	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	
9.0	97.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	
99.0	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.5	
19.0	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
									• • • • • •	• • • • •	

## PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY DUSERVATE

 STA	TION N	। । । । । ।	747543		AN NCIT		LAND AFE	3 LA		<del></del>	ρ <u>-</u> , <b>Υ</b> Π\
		• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •			* * * * * * * * * * * * * * * * * * *	471.55	• • • •
	LING	م	GE	r =	c'e	CE	VISIBILI GE	114 174 174 174 174 174 174 174 174 174		GE	
_	N T	ΘĘ							- GE		í
 	EI	7	5	5	4				1 1/2		
• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • •
NO	CEIL	55.3	52.2	64.1	64.5	64.5	54.5	64.5	54.5	64.5	64
GE	20000	52.5	70.0	72.8	73.5	73.5	73.5	73.5	73.5	73.5	73
SE	13000	62.5	70.1	72.9	73.6	73.6	73.5	73.5	73.6	73.5	73
 GE	15000	52.5	70.1	72.9	73.5	73.6	73.5	73.5	73.5	73.5	73
GΞ	14000	52.8	70.3	73.1	73.8	73.8	<b>73.</b> 8	73.9	73.3	73.4	د 7
GE	12000	63.5	71 • 1	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74
GF.	10000	54.7	72.3	75.1	75.1	76.1	76.1	75.1	76.1	76.1	75
GE	9000	55.0	73.0	75.8	76 · 8	76.8	76.8	76.5	76.8	76.8	75
 3,F	8000	67.3	76.1	79.1	80.2	80.2	30.2	80.2	30.2	30.2	3,
GE	7000	57.3	76.4	79.4	80.5	30.5	80.5	80.5	३०.5	80.5	30
SE	5000	67.4	76.3	79.3	81.2	81.2	81.2	81.2	31.2	31.2	<sup>3</sup> 1
GE	5000	67.9	77.3	30.4	81.3	31.3	81.3	81.3	81.8	91.3	9.1
 GE	4500	63.9	78.9	32.1	83.5	83.5	93.5	93.5	33.5	33.5	3.3
 GE	4000	59.7	80.3	33.6	35.0	85.0	85.0	85.0	35.0	35.0	
GΕ	3500	70.3	80.9	24.9	86.5	86.5	86.5	86.5	86.5	36.5	55
GE	3000	70.9	32.1	35.3	88.0	33.1	33.1	23.1	83.1	89.1	? ३
GE	2500	72.1	33.7	88.1	90.1	90.3	90.3	90.3	90.3	90.3	ð.,
GE	2000	72.5	34.7	89.4	91.4	91.9	91.9	91.9	91.9	91.3	e 1
 GĒ	1300	72.5	94.9	39.8	91.7	92.2	92.2	92.2	92.2	72.2	32
GE	1500	72.9	95.3	90.7	92.7	93.2	93.2	93.2	93.2	93.2	93
GE	1200	73.4	56.5	91.4	93.4	94.0	94.0	94.0	94.0	94.0	34
GE.	1000	73.5	86.2	91.7	93.7	94.4	94.4	94.4	94.4	94.4	94
 GE	900	73.6	მ5.3	91.9	94.0	94.7	94.9	94.9	94.9	94.9	34
 GE	800	73.5	85.4	92.0	94.2	95.7	95.9	95.9	95.9	75.9	95
SE	700	73.7	36.5	92.3	94.5	96.4	96.8	96.9	96.9	96.9	95
GF	500	73.3	36.5	92.5	94.9	96.9	97.2	97.4	97.4	97.4	77
S.E.	500	74.0	36.3	93.1	95.8	98.0	98.3	93.7	98.7	98.7	<b>7</b> 8
 G٤	400	74.0	36.9	93.3	96.0	98.2	98.5	99.0	99.0	99.0	99
 GE	300	74.0	87.1	93.4	96.1	98.7	99.0	99.6	99.6	99.5	79
GE	200	74.0	97.1	93.4	96.1	98.7	99.0	99.5	99.6	99.5	99
GE	coi	74.0	87.1	73.4	95.1	98.7	99.0	99.5	99.6	99.6	99
GË	ĊQĞ	74.0	87.1	93.4	96.1	98.7	99.0	99.6	99.6	99.5	99
 • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	••••••	• • • • •		• • • • •	• • • •

TOTAL NUMBER OF DESERVATIONS 927

## ENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

٦L	STA CVA.	LA			PERIOD HONTH:	OF REC	ORO: N. HOURS:		OCT 88			
	ISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •				
	GĒ	GE -	GĒ	GE	GE	GE	GE	SE	GE	GE	GΞ	
	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	2	
•		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
•	54.5	64.5	64.5	64.5	64.5	54.5	64.5	54.5	64.5	64.5	64.5	<del>-</del>
	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
	73.5	73.5	73.6	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.5	
	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.5	
	73.3	73.9	73.3	73.8	73.8	73.9	73.8	73.8	73.8	73.8	73.8	
	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
	75.1	75.1	76.1	76.1	75.1	76.1	76.1	76.1	76.1	76.1	76.1	
	76.8	76.5	76.8	76.8	75.8	76.8	76.8	76.8	76.8	76.8	76.B	
	30.2	30.2	30.2	30.2	30.2	50.2	30.2	80.2	30.2	80.2	80.2	
	80.5	80.5	80.5	80.5	30.5	30.5	80.5	80.5	80.5	30.5	30.5	
	31.2	81.2	31.2	31.2	31.2	31.2	81.2	31.2	31.2	31.2	81.2	
	31.3	81.3	81.8	31.3	91.8	81.8	81.8	81.8	81.8	81.8		
	93.5	°3.5	33.5	93.5	93.5	33.5	93.5	33.5	83.5	83.5	83.5	
	35.0	85.0	35.0	35.0	35.0	35.0	85.0	85.0	85.0	85.0	85.0	
	86.5	85.5	96.5	86.5	86.5	36.5	86.5	86.5	36.5	86.5	86.5	
	33.1	99.1	63.1	39.1	88.1	88.1	38.1	88.1	83.1	88.1	83.1	
	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
	92.2	92.2	92.2	92.2	72.2	92.2	92.2	92.2	92.2	92.2	92.2	
	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
	94.0	94.0	94.0	34.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
	24.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
	96.3	93.7	98.7	98.7	98.3	98.8	98.8	98.8	98.8	98.8	98.8	
	98.5	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	
	99.0	99.6	99.6	99.5	79.7	99.7	99.7	99.8	99.8	99.9	100.0	
	99.0	99.5	99.6	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0	
	99.0	97.5	99.6	99.6	99.7	99.7	99.7	99.8	99.3	99.9		
	99.0	99.6	99.6	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0	- · · <del></del>

PERCENTAGE FREQUENCY OF OCCURRENCE OF C

STATION	NUMBER:	747540		AN NCIT		LAND AF8	LA			PERIO MONTH
CEILING	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •
IN	GE T	ĞF	GE	GE	GE	GE	GÉ	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
						• • • • • • •				• • • • •
NO CEIL	57.7	52.5	66.5	63.2	68.9	68.9	68.9	58.9	68.9	68.9
			30.0		="	<u></u>			÷	· ·
GE 2000		56.7	70.8	73.2	74.0	74.0	74.0	74.0	74.0	74.0
GE 1900		55.7	70.8	73.2	74.1	74.1	74.1	74.1	74.1	74.1
GE 1600		55.7	70.8	73.2	74.1	74.1	74.1	74.1	74.1	74.1
GE 1400		56.7	70.8	73.2	74.1	74.1	74.1	74.1	74.1	74.1
GE 1200	0 61.5	57.3	71.5	74.2	75.1	75.1	75.1	75.1	75.1	75.1
SE 1000	0 63.3	69.4	73.7	76.4	77.5	77.5	77.5	77.5	77.5	<b>77.</b> 5
SE 900		70.4	74.3	77.5	78.5	78.5	73.5	78.5	78.5	75.5
GF 800		72.9	77.7	30.5	81.9	31.9	81.9	31.9	31.9	31.3
GE 700		72.9	77.3	80.7	32.0	82.0	82.0	32.0	92.9	92.5
SE 600		72.9	77.8	80.8	82.1	82.0	32.1	82.1	H2.1	62.1
38 600	10 33.7	16.7	11.0	00.5	06.1	54.1	76.1	76.1	02.1	04.1
GE 500	0 55.1	73.3	73.5	32.0	83.4	33.4	93.4	33.4	33.4	33.4
GE 450		74.1	79.0	32.3	83.7	83.7	33.7	33.7	33.7	23.7
SE 400		75.5	80.5	84.1	35.5	35.5	85.5	45.5	35.5	~~g5.5
GE 350		76.1	81.4	85.2	36.5	86.7	96.8	46.8	86.8	55.
GE 300		77.0	82.5	86.4	87.8	37.9	83.0	38.0	33.0	ရှိခဲ့ ဂ
	,	• • • =	V					.,, = =	* * *	
GE 250	0 68.3	79.1	84.0	38.3	39.8	89.9	99.5	90.0	90.0	90.
GE 200		79.1	35.2	89.5	90.9	91.2	91.3	71.3	91.3	91.3
GE 180		79.1	35.2	89.5	90.9	91.2	91.3	91.3	91.3	a[•∃
GE 150		79.6	86.5	90.8	92.2	92.7	92.3	92.8	92.3	92.4
GE 120		30.0	86.9	91.3	92.7	93.1	93.2	93.2	93.2	93.2
GE 100	0 70.5	80.3	37.4	91.8	93.3	93.7	93.9	93.9	73.7	" <b>93.</b> 4
GE 90		40.5	87.8	92.3	93.9	94.5	94.6	94.6	₹4.5	34.t
GE 80		80.9	98.3	93.1	95.3	95.9	95.0	96.0	96.0	96.0
GE 70		81.3	88.9	94.2	96.4	97.1	97.2	97.2	97.2	97.2
GE 60		81.6	79.2	94.6	96.9	97.5	97.6	37.5	97.3	97.5
					•					
GE 50		81.7	39.4	94.8	97.2	97.3	93.0	98.0	78.7	98.0
GE 40		82.1	89•9	95.3	97.8	98.5	93.9	99.2	99.2	99.7
GE 30		82.2	90.0	95.4	98.1	98.7	99.1	99.6	99.8	99.
GE 20		32.2	90.0	95.4	98.1	98.7	99.1	99.6	99.8	99.5
GE 10	71.6	82.2	90.0	95.4	98.2	98.9	99.2	99.7	99.9	<b>gg</b> _c
g p	AT HER ST								· ====	
GE 00			90.0		93.2			99.7	99.9	-
• • • • • •	•••••	• • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	

TOTAL NUMBER OF DBSERVATIONS 927

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AND AFB	LA			PERIOD MONTH:		ORD: NO	OV 78 -	DCT 88			<del>-,</del>
	**************************************	STATUTE	MILES		• • • • • •		• • • • • •		• • • • • •	••••	
GE	ระ	GE	GE	GF	GE	GE	GE	GE	GE	<u> </u>	
2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	ő	
	•••••			*****			• • • • • •		• • • • • •	•••••	<del></del>
58.9	68.9	58.9	68.9	68.9	68.9	58.9	68.9	68.9	68.9	68.9	
74.0	74.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	
74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	
77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
78.5	73.5	78.5	78.5	76.5	78.5	78.5	78.5	78.5	78.5	78.5	
31.3	31.9	31.9	31.9	81.9				81.9	81.9	81.9	
32.0	82.0	32.0	82.0	82.0	82.0	82.0	82.0	32.0	32.0	82.0	
82.1	32.1	92.1	82.1	82.1	92.1	82.1	82.1	32.1	82.1	32.1	
33.4	33.4	33.4	93.4	33.4	33.4	83.4	83.4	33.4	83.4	83.4	
33.7	83.7	93.7	83.7	83.7	83.7	93.7	83.7	83.7	83.7	83.7	
35.5	85.5	35.5	35.5	35.5	85.5	85.5	85.5	85.5	85.5	85.5	
96.7	96.8	36.8	86.8	86.8	86.8	86.8	86.8	86.8	36.3	36.8	
3 <b>7.</b> 9	83.0	38.0	89.0	38.0	83.0	83.0	88.0	38.0	88.0	38.0	
39.3	95.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
31.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	71.3	91.3	<del></del>
92.7	92.3	92.8	92.3	92.8	92.8	92.8	92.8	92.8	92.3	92.8	
93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
73.7	93.9		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
95.7	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
97.1	37.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	<del></del>
97.5	97.6	97.5	97.5	97.6	97.6	97.5	97.6	97.5	97.6	97.6	
97.3	93.0	98.0	98.0	98.0	98.0	98.0		98.0	95.0	98.0	
78.5	93.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
78.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
98.7	99.1	99.6	99.8	99.8	99.5	99.8	99.8	99.3	99.8	99.9	
93.5	99 <b>.</b> 2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	
93.3	97.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	
• • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	

TOTAL NUMBER OF DESERVATIONS

72.0

72.0

80.7

90.7

86.6

86.6

92.0

92.0

93.2

GE

100

000

57.4

57.4

96.3

93.2 95.5 96.8

97.T

97.1 93

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

ENGI 6	LAND AFE	LA			MONTH:	OCT 40	JRS: ALI	<u></u>	JCT 88		
• • • • ;	VISIBILI	TY IN	STATUTE		*****	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
GE 3	GE 2 1/2	3=	3E 1 1/2	SE 1 1/4	ĜĒ 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GĒ O
• • • •	• • • • • • •	• • • • • •	••••••	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •
3 <b>.7</b>	59.2	59.9	60.3	60.4	60.3	60.9	60.9	61.1	61.1	61.2	61.3
4.1 4.3	54.7 54.9	55.4 45.4	65.8	65.9	55.3 66.5	66.5	66.7	65.6 66.8	66.6 66.9	67.0	66.3
4.3	54.9	65.6	66.0	66.1	56.5	66.7	66.7	66.8	66.9	67.0	67.1
4.5	65.1	65.6 65.8	66.2	66.3	65.7	55.9	66.9	57 <b>.</b> 0	67.1	67.2	67.1 67.3
5.2	55.3	55.5	65.3	67.0	67.4	57.5	67.6	67.7	67.7	67.9	67.9
- • •	7503			00	5, • .	0.07	0,45	0141	J	.,,,,	J. • /
7.5	68.0	53.3	59.2	59.3	59.7	59.9	59.9	70.0	70.0	70.2	70.2
3 <b>.3</b>	58.3	69.5	70.0	70.1	70.5	70.7	79.7	70.3	70.8	71.0	71.0
9.9	71.5	72.2	72.7	72.3	73.1	73.3	73.3	73.5	73.5	73.6	73.7
1.5	72.2	72.9	73.4	73.5	73.8	74.3	74.0	74.2	74.2	74.3	74.4
2.0	72.5	73.3	73.8	73.9	74.2	74.4	74.4	74.5	74.6	74.7	74.9
2.9	73.5	74.3	74.7	74.8	75.2	75.4	75.4	75.5	75.5	75.7	75.7
3.4	74.0	74.3	75.2	75.3	75.6	75.8	75.8	76.0	76.0	76.1	75.2
4.8	75.4	75.2	76.6	76.7	77.1	77.3	77.3	77.5	77.5	77.6	77.7
5.9	76.5	77.4	77.3	77.9	78.3	78.5	78.5	78.7	78.7	78.9	78.9
7.7	78.4	79.3	79.7	79.8	80.2	90.4	80.4	PO.6	80.6	90.8	80.3
9.9	30.5	81.5	32.0	32.1	32.5	82.7	32.7	82.8	32.9	83.0	33.1
1.2	31.3	32.5	83.3	33.4	83.8	34.0	84.0	34.2	84.2	84.3	34.4
1.4	32.1	33.1	83.6	83.7	34.1	84.3	84.3	84.5	84.5	84.6	84.7
3.5	94.2	85.2	35.3	85.9	86.3	86.5	36.5	86.7	36.7	36.9	86.9
4 <b>.</b> 3	85.5	86.6	87.2	87.3	87.7	88.0	88.0	88.1	88.1	88.3	88.4
5.1	36.9	33.1	38.8	88.9	39.3	89.5	39.5	89.7	89.7	89.8	89.9
5.5	97.5	88.7	89.5	39.6	90.0	90.3	90.3	90.4	90.4	90.6	90.7
7.9	83.3	90.2	90.9	91.0	91.4	91.7	91.7	91.9	91.8	92.0	92.1
9.6	90.6	92.3	93.0	93.1	93.5	93.8	93.8	94.0	94.0	94.1	94.2
2.2	91.3	93.2	93.9	94.0	94.6	94.9	94.9	95.0	95.1	35.2	95.3
1.1	92.4		95.3						96.5		
1.5	92.3	95.0	96.1	76.3	97.1	97.4	97.4	97.5	97.5	97.8	97.9
1.7	73.2		96.5	76.9	77.8	98.2	98.2			93.7	98.3
1.9		95.4	96.7	97.0	98.0	98.4		93.8	98.8	99.2	99.3
1.0	93.2	95.5	96.3	97.1	98.1	98.6	98.6	99.1	99.2	99.6	99.9
1.0	93.2	95.5	96.8	97.1	98.1	98.6	98.6	99.1	99.2	99.7	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF C FROM HOURLY DESERVATION.

STATION	ทุมพิธิธิส:	747540		TO UTC		LAND AFE	LA			MJM1* BĒSI
CEILING		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		TY IN	STATUTE	MILES	• • • • • •
IN	GE	G <del>E</del>	GE	GE	ĞE	ĞË	GE	GE	GE	G <del>T</del>
FEST	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	i
							-			
NO CEIL	43.2	47.6	51.2	53.0	54.1	54.1	54.2	54.4	54.4	54.4
GE 2000	0 44.5	49.4	53.4	55.7	55.3	56.8	57.1	57.4	57.4	57.4
65 1300	0 44.8	49.4	53.4	55.7	56.8	56.3	57.1	57.4	57.4	57.4
GE 1500	9 44.5	49.4	53.4	55.7	56.8	56.3	57.1	57.4	57.4	= 57.4
GE 1400	0 44.3	49.5	53.6	55.8	56.9	56.9	57.2	57.6	57.5	57.0
GE 1200	0 45.3	50.0	54.0	56.2	57.3	57.3	57.7	59.0	53.0	53.0
GE 1000		52.1	56.1	58.3	59.4	59.4	59.8	60.i	60.1	50.1
<u> </u>		52.2	55.2	58.4	57.6	59.6	59.9	50.2	60.2	50.2
GE 300		53.1	57.2	59.5	60.9	50.7	61.2	51.5	61.5	51.5
GF 700		53.3	57.4	59.3	51.3	51.3	61.7	52.0	62.0	52.)
GE 600	0 47.3	53.3	57.4	59.8	61.6	61.6	61.9	52.2	62.2	62.2
GE 500	0 43.6	54.2	54.3	60.7	62.4	52.4	62.3	53.1	63.1	63.1
SE 450		54.5	58 <b>.8</b>	61.2	63.0	53.0	53.3	53.7	53.7	53.7
GE 400		57.5	52.0	55.0	65.9	57.1	57.5	57.9	57.9	57.7
GF 350		5H.4	52.9	55.9	<b>57.</b> 8	53.0	53.4	63.8	59.4	53.3
GE 300		61.0	55.4	68.4	70.3	70.5	71.0	71.3	71.3	71.3
								, , ,		
GE 250	0 55.3	53.2	67.8	70.9	73.0	73.2	73.8	74.3	74.3	74.5
GE 200	0 57.7	55.2	59.9	73.3	75.4	75.7	75.2	75.8	76.3	75.5
55 130	0 57.9	55.4	70.2	74.0	76.2	76.4	77.0	77.5	77.5	77.6
GE 150		57.8	73.1	77.3	80.0	80.2	30.3	81.4	31.4	31.4
GE 120	0 60.7	69.2	74.8	79.4	32.2	92.6	83.1	33.8	93 <b>.</b> 8	83.3
GE 100	0 62.2	71.8	77.4	32.2	85.1	85.4	86.0	36.7	36.7	96.7
GE 90		72.9	78.8	83.7	86.7	87.0	87.5	88.2	39.2	88.2
GF 80		73.6	79.8	84.7	38.0	38.4	37.0	89.7	39.7	39.7
GE 70	0 54.4	74.4	30.7	86.0	39.7	90 • 1	90.7	91.3	91.3	91.3
GE 60	0 64.5	74.9	31.6	87.1	91,,0	91.7	92.6	93.3	93.3	93.3
GE 50	0 64.8	75.3	82.2	88.1	92.3	93.1	94.1	95.0	95.0	95.0
GE 40		75.4	82.7	89.0	93.4	94.2	95.5	96.9	96.9	96.9
SE 30		75.4	82.7	P 9.1	93.6	94.3	95.7		77.1	97.1
GE 20		75.4	82.7	89.1	93.6	94.3	95.7		97.1	97.2
GE 10		75.4	92.7	89.1	93.6	24.3	95.7	97.1	97.1	97.2
GE 00		75.4		89.1	93.6	94.3			97.1	97•2
	• • • • • • •									

TOTAL NUMBER OF OBSERVATIONS 900

# TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

LAND AFE	3 LA				DF RECE			OCT 88			
	TTV IN	STATUTE		• • • • • •	• • • • • • •				• • • • • •	• • • • •	
		GE		GE	GE	GE	GE	GE	GE	GE	
		1 1/2					1/2	3/8	1/4	Ö	
		• • • • • • •							• • • • • •	• • • • •	<del></del>
54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.6	54.6	54.5	54.7	
<i>5</i>			e <b>-</b> ,-	·		57.4	57.6	57.6	57.6	57.7	
56.8 56.3	57.1 57.1	57.4 57.4	57.4 57.4		57.4 57.4	57.4	57.6	57.6	57.6	57.7	
55.3	57.1	57.4	57.4			57.4					
56.9	57.2	57.6	57.5								
57.3	57.7	59.0	53.0	55.0	58.0	58.0	58.1	58.1		58.2	
>1 <b>4</b> :	., , , ,	J J • J	23.0	2345	J	,,,,,	, 30 1	2002	, , , ,	7, • 2	
59.4	54.3	60.1	60.1	60.1	50.1	60.1	60.2	50.2	50.2	60.3	
59.5	59.9	50.2	65.2		50.2	60.2	60.3		60.3	50.4	
50.9	51.2	51.5		51.6			51.7	61.7	51.7	51.3	
51.3	51.7	52.0	62.0	62.0	62.0	52.0	62.1	62.1		52.2	
51.5	61.9	52.2	62.2	62.2	62.2	52.2	62.3	62.3	52.3	52.4	·
52.4	62.3	53.1	63.1	63.1	53.1	63.1	53.2	63.2	53.2		
53.0	53.3	53.7	63.7	63.7	63.7	63.7	53.8	<u> 53.8</u>	63.4		
57.1	67.5	57.9				57.9			33.v		
53.0	53.4	63.8	58.3	58.9	53.5	68.8	58.9	63.9	58.9		=
70.5	71.0	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.6	
73.2	73.8	74.3	74.3	74.3	74.3	74.3	7/. 4	74.4	74.4	74.5	
75.7	75.2	75.8	76.8	7 <b>4.</b> 3	76.8	76.8	76.9		76.9	77.0	
76.4	77.5		77.6					77.7			
30.2	30.3										
32.6	83.1	33.8	93.8		83.8	H3.8	83.9		83.9	34.0	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		320	7.5								
85.4	86.0	36.7	36.7	86.7	36.7	86.7	35.8	86.4	36.3	86.9	
57.0	R7.5	88.2	89.2	88.2	88.2	38.2	88.3	88.3	88.3	88.4	
88.4	37.0	89.7		39.7	89.7	89.7	89.8				
90.1	90.7			91.3			91,4				
91.7	92.6	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.6	
25.5	5. I					- <del></del>		A.F. T	· · · · · · · · · · · · · · · · · · ·	52° 5	
93.1	94.1	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.2	
94.2	95.5	96.9	96.9	96.9	97.0	97.0	97.2	97.2	97.2	97.3	
94.3	95.7	37.1	97.1	97.1	97.2	97.2	97.7	97.7	97.3 98.4	98.6	
94.3 94.3	95.7 95.7	97.1 97.1	97.1 97.1	97.2 97.2	97.7 97.7	97.7 97.7	98.1 98.1	98.1 98.1	98.6	93.4	
7747	7.70 1	7103	7101	7106	7141	7101	70 · L	7761	7.0 <b>.</b> 0	// • <del>T</del>	
94.3	95.7	97.1	97.1	97.7	97.7	97.7	99.1	98.1	98.6	100.0	
		*****									

#### PERCENTAGE FREQUENCY OF DOCURRENCE OF PROPERTY OF TRANSPORT OF TAYABLE POST OF TAYABLE PROPERTY OF TAYABLE

STATION N	UMBER:		LST	TO UTC:	+ 6				· . <u></u>	PERI MONT
CE II INC	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		1161211				• • • • •
CEILING	c.r	GE	GE	GE		/ISIBILI GE	GE SE	STATUTE. SE	GE	.; -
IN FEET	GE 7									.,-
7551	<b>.</b>	<u> 6</u>	5		··-	2 1/2	2	L L/ 2	1 174	1
• • • • • • • • •	• • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
NO CEIL	33.9	33.1	42.2	44.6	47.3	47.7	48.9	49.5	49.7	50.
GE 20000	35.3	39.5	43.9	46.2	49.1	49.4	50.7	51.3	51.4	51.
GE 18000	35.3	39.5	43.9	45.2	49.1	49.4	50.7	51.3	51.4	51.
SE 16000	35.3	39.5	43.9	46.2	49.1	49.4	50.7	51.3	51.4	51.
GE 14000	35.7	39.9	44.2	46.6	47.4	49.8	51.0	51.7	51.ª	52.
GE 12000	35.3	40.2	44.5	45.9	49.8	50.1	51.3	52.0	52.1	52.
SF 10000	37.1	41.7	45.3	45.7	51.6	51.9	53.1	53.6	33 <b>.</b> }	24.
SE 9000	37.5	42.2	46.9	49.2	52.1	52.4	53.7	54.3	54.4	54.
GE 2000	33.4	43.2	43.3	50.3	53.3	53.7	54.7	55.6	55.7	
GE <b>700</b> 0	33.4	43.2	48.2	50.6	53.5	53.9	55.1	55.3	55.9	55.
GE 5000	33.4	43.2	48.2	50.5	53.5	53.9	55.1	55.9	55.3	56.
GE 5000	35.3	43.7	48.7	51.0	54.2	54.5	55.3	55.4	55.5	55.
GE 4500	39.3	44.5	49.3	52.1	55.3	55.7	56.9	57.6	57.7	53.
GF 4000	41.7	47.2	52.9	55.5	59.1	59.7	33.9	31.3	51.7	52.
GE 3500	42.4	47.9	53.6	56.3	50.1	50.7	61.9	52.5	62.7	<u> </u>
GE 3000	43.3	49.2	54.9	5 <b>7.</b> 3	61.7	62.2	63.4	34.1	64.2	54.
SE 2500	44.5	51.5	57.6	60.5	54.4	55.0	55.2°	66.9	57.0	5
GE 2000	45.3	53.1	59.3	62.5	65.3	57.4	69.7	69.3	59.4	52.
55 (T1300)	45.3	53.5	30.3	53.5	53.0	68.5	57.8	73.4	70.5	70.
GE 1500	49.3	55.9	63.2	67.2	71.9	72.4	73.9	74.5	74.7	75.
GE 1200	49.6	57.7	65 <b>.</b> 0	69.8	74.7	75.3	75.8	77.4	77.7	73•
GE 1000	50.3	59.7	67.4	72.3	77.7	78.4	77.9	80.6	39.3	31.4
GE 900	51.0	50.2	58.5	74.0	78.9	79.7	81.4	32.1	82.3	5 ? •
SE 300	51.7	61.0	37.3	74.9	80.1	30.9	82.7	33.4	33.7	34.
GE 700	51.9	52.1	70.4	76.7	82.7	83.6	85.6	86.3	96.5	37.
GE 600	52.1	62.A	71.3	79.1	84.4	85.3	97.5	88.3	88.6	89.
SE 500	52.2	63.1	72.1	79.1	85.7	36.7	ga. j		<b>30.1</b>	91.
GE 400	52.3	53.4	72.7	80.1	87.3	88.4	91.2	92.6	92.9	73.
SE 300	52.3	53.5	73.1		38.1	89.2				
GE 200	•	63.6	73.1	80.6	33.1	89.2			94.3 94.3	95. 95.
GE 100	52.3	53.5	73.1	30.6	98.1	89.2	92.3	94.0	74.3	70.
	52.3	63.5	73.1	30.6	99.1		92.3		34.3	95.4
	• • • • • •									• • • • •

TOTAL NUMBER OF DESERVATIONS 900

TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

1 11572			-	MONTH:	NDA 1	าบกระ เ	03-05			
21/11/11	TY IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
GE	SE T	GÉ	GE	GE.	GΞ	GE	ĞĒ	GE	GE	GE
2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/3	1/4	Э
• • • • •	• • • • • •	• • • • • • •	• • • • • •			• • • • • •	• • • • • •		• • • • • •	
47.7	48.9	49.5	49.7	50.0	50.0	50.0	50.1	50.1	50.3	50.9
49.4	50.7	51.3	51.4	51.B	51.8	51.8	51.9	51.9	52.1	52.7
49.4	50.7	51.3	51.4	51.8	51.8	51.8	51.9	51.9	52.1	52.7
49.4	50.7	51.3	51.4	51.8	51.3	51.5	51.9	51.3	52.1	52.7
49.3	51.0	51.7	51.8	52.1	52.1	52.1	52.2	52.2	52.4	53.0
50.1	51.3	52.0	52.1	52.4	52.4	52.4	52.6	52.6	52.8	53.3
51.9	53.1	53.3	53.9	54.2	54.2	54.2	54.3	54.3	54.6	55.1
52.4	53.7	54.3	54.4	54.9	54.9	54.8	54.9	54.3	55.1	55.7
53.7	54.7	55.6	55.7	56.0	55.0	55.0	55.1	56.1	55.3	55.9
53.9	55.1	55.3	55.9	55.2	56.2	56.2	56.3	56.3	56.6	57.1
53.9	55.1	55.9	55.9	56.2	55.2	56.2	56.3	56.3	56.5	57.1
54.5	52.3	55.4	55.5	56.9	56.9	56.9	57.0	57.0	57.2	57.3
55.7	56.9	57.6	57.7	58.0	58.0	53.0	58.1	58.1	58.3	58.9
59.7	53.7	51.6	61.7	52.0	62.0	62.0	62.1	52.1	52.3	62.7
50.7	51.9	52.5	62.7	63.0	63.0	63.0	63.1	63.1	53.3	63.9
52.2	63.4	54.1	64.2	64.5	64.5	64.6	64.7	64.7	54.9	55.4
55.0	55.2	66.9	67.0	57.3	67.3	67.3	67.4	67.4	67.7	63.2
57.4	63.7	69.3	59.4	69.3	69.9	69.9	70.0	70.0	70.2	70.5
53.5	59.3	73.4	70.5	70.9	71.0	71.0	71.1	71.1	71.3	71.9
72.4	73.9	74.5	74.7	75.0	75.1	75.1	75.2	75.2	75.4	75.0
75.3	<b>7</b> 5•8	77.4	77.7	79.5	78.1	73.1	78.2	78.2	78.4	79.0
78.4	77.9	80.6	37.3	91.2	81.3	31.3	81.4	91.4	81.7	82.2
79.7	81.4	32.1	82.3	92.9	83.0	83.0	83.1	93.1	53.3	83.9
30.9	82.7	93.4	33.7	84.3	34.4	84.4	84.5	84.5	54.9	55.3
43.5	65 <b>.</b> 6	86.3	86.5	87.4	47.6	87.6	87.7	<b>97.7</b>	97.9	38.4
45.3	97.5	49.3	88.6	89.4	89.7	89.7	89.9	89.9	90.1	90.7
36.7	<u>ცი.</u> ე	39.9	90.I	91.0	91.2	91.2	91.4	91.4	91.7	92.2
48.4	91.2	92.6	92.9	93.9	94.1	94.1	94.4	94.4	94.7	95.2
39.2	92.2	93.7 94.0	94.5	95.0	95.2	95.2	45.5	95.6	95.9	95.7
H9.2	92.3	94.0	94.3	95.3	95.6	95.6	96.0	96.0	76.4	97.7
89.2	92.3	94.0	94.3	95.4	95.7	95.7	96.3	96.4	97.2	99.1
		94.0				95.7				

PERCENTAGE FREQUENCY OF OCCUPATION OF THE FROM HOUSELY DESCRIPTIONS

STAT	TÜM M	JMB8<:	747543		AN NEIT		LÄND AF6	LA			274[1] MONT (
CEIL		• • • • • •	• • • • • • •	• • • • • •	• • • • • •		VISIBILI				•••••
IN TES		جء 7	3 F	3€ 5	ς <u>ς</u> 4			2	SE 1 1/2	1 1/4	3 1
••••	• • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	
NO 0	EIL	23.1	23.3	33.4	35.3	39.4	39.3	40.5	41.3	41.4	42.4
	20000	24.5	39.9	35.3	40.0	41.8	42.3	44.1	45.1	45.2	• 5.
	13000	24.5	31.0	35.4	40.1	41.9	42.9	44.2	45.2	+5.3	45.4
	5000	24.5	31.0	35.4	40.1	41.9	42.9	44.2	45.2	45.3	45.
	14900 12000	24.4 24.9	31.2 31.4	35•7 37•1	40.3 40.8	42•1 42•5	43.1 43.6	44.4 44.7	45.4 45.7	45.5	40.7
92 1	12999	29.9	21.4	) ( • I	40.5	42.0	43.0	44.7	4 D • 1	46.1	47.
	(0000	25.4	32.4	33.4	42.2	44.0	45.0	45.4	47.5	47.7	4.
G٢	<b>0</b> 300	23.5	32.9	37.0	42.3	44.5	45.5	47.0	43.1	45.Z	40.4
GF.	3000	25.4	33.3	40.1	43.9	45.5	45.3	45.4	49.7	49.5	70.1
G.E	7000	26.9	34.2	40.7	44.4	46.3	47.4	49.0	50.2	50.3	1
GE	5001	25.9	34.2	40.3	44.5	46.4	47.5	49.1	50.3	50.4	51.5
G.E.	5000	27.1	34.5	41.4	45.2	47.1	43.2	40.3	51.0	51.1	52.33
SE	4500	20.0	35.7	+2.5	45.3	43.3	49.4	51.1	52.3	52.4	53.
30	4000	30.3	33.2	45.5	49.4	51.8	53.3	53.1	56.3	55.5	57.7
GΞ	3500	31.3	33.4	45.3	51.1	53.7	55.4	57.2	59.5	50.0	គធ្វ
SE	3000	32.4	41.3	48.9	53.2	55.3	5 <b>7.</b> 6	59.4	50.3	61.1	52.1
35	2500	33.7	43.2	51.1	55.7	53.2	60.1	62.0	63.3	53.7	54.
35	2000	34.5	44.6	52.9	57.7	50.7	52.5	54.4	55 • ਤ	55.2	57.4
7,5	COET	34.7	44.7	53.1	58.1	61.2	<b>53.1</b>	65.0	55 <b>• 3</b>	55.3	43.
95	1500	35.9	45.5	56.4	52.1	65.3	<b>67.</b> 2	59.2	70.7	71.2	7 ?
GE	1200	35.9	40.1	59.2	54.4	67.3	<b>69.8</b>	72.0	73.4	74.0	<b>7</b> 5.?
SE	1000	37.2	43.7	58.9	55.5	69.2	71.3	73.7	75.1	75.3	77.3
G.E	900	37.4	49.0	59.4	56.3	70.0	72.1	74.7	76.1	76.4	7 ? •
GE	900	37.7	50.0	65.3	33.0	72.7	74.9	77.4	79.0	70.7	33.9
GΞ	700	33.2	50 <b>.7</b>	61.5	69.0	74.0	76.7	79.3	31.7	92.3	93.7
ĢĒ	500	38.4	50.9	62.0	69.7	75.1	77.9	51.5	43.4	84.1	85.5
35	501	3ª.5	51.2	62.8	70.7	77.0	79.3	84.2	35.5	37.4	39.0
GT.	400	39.7	51.8	63.3	71.6	73.4	81.4	35.2	39.1	39.9	21.4
7,5	300	33.7	71.8	53.3	71.5	73.4	81.4	म5.4	39.3	70.3	77.3
GE	200	33.7	51.9	63.3	71.6	78.4	81.4	R5.5	39.4	90.4	92.4
Gē	100	38 <b>.7</b>	51.3	63.3	71.6	79.4	81.4	86.6	89.4	90.4	92.4
GE	200	38.7	51.8	53.3	71.6	73.4	91.4	80.0	39.4	90.4	92.4
• • • •	• • • • •				• • • • • •			• • • • • •		• • • • • •	• • • • •

ENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DUSSERVATIONS

BEAND AF6	LA				OF RECT		JV 7ਰ − )6−08	35 TOC			
VISIBILI	TY IN	STATUTE	•	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
GF	ij∄	GE	GE		ĜE			GE	GE	SE	
2 1/2	2	1 1/2	1 1/4	1	3/6	5/8		3/3	1/4	<u> </u>	
• • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
39.3	40.5	41.3	41.4	42.4	42.8	42.3	42.9	42.9	43.3	43.9	
42.3	44.1	45.1	45.2	45.3	45.7	46.7	45.9	46.9	47.3	47.9	
42.9	44.3	45.2	45.3	45.4	46.8	45.8	47.0	47.0	47.4	48.7	
42.7	44.2	45.2	45.3	45.4	46.8	46.3	47.0	47.0	47.4	45.0	
43.1	44.4	45.4	45.5	46.7	47.0	47.0	47.2	47.2	47.7	48.2	
43.6	44.3	45.0	46.1	47.2	47.5	47.5	47.8	47.9	48.3	48.9	
45.0	45.4	47.5	47.7	48.8	49.1	49.1	43.3	49.3	49.9	50.4	
45.5	47.0	43.1	48.2	49.3	49.7	49.7	49.9	49.9	50.4	51.0	
45.7	45.4	49.7	49.5	50.9	51.2	51.2	51.4	51.4	52.0	52.6	
47.4	47.3	50.2	50.3	51.4	51.ਮ	51.8	52.0	52.0	52.5	53.1	
47.5	49.1	50.3	50.4	51.5	51.9	51.9	52.1	52.1	52.7	53.2	
43.2	49.3	51.0	51.1	52.2	52.6	52.5	52.8	52.3	53.3	53.9	
49.4	51.1	52.3	52.4	53.5	53.9	53.9	54.1	54.1	54.7	55.2	
53.3	53.1	55.3	55.5	57.7		53.0		58.2	53.8	57.4	
EF.4	57.2	58.5	58.8	59.9	50.2	50.2	60.4	60.4	61.0	61.7	
<b>57.</b> 6	59.4	50.8	61.1	52 <b>.</b> 2	62.6	52.6	52.8	52 <b>.</b> 8	63.3	64.0	
		. 3 . 3									
50.1	62.0	53.3	53.7	54.9	65.2	65.2	65.4	65.4	55.0	55.7	
52.5	54.4	55.8	55.2	67.4	57.9	57.9	68.1	59.1	63.7	69.3	
53.1	65.7	55.3	35.3	33.0	58.4	58.4	58.7	38.7	69.2	57.7	
57.2 (0.1)	59.2	70.7	71.2	72.4	72.9	72.9	73.1	73.1	73.7	74.3	
50•H	72.0	73.4	74.0	75.2	75.7	75.7	75.9	75.9	70.4	77.1	
71.3	73.7	75.1	<b>75.</b> 3	77.0	77.4	77.4	77.7	77.7	73.2	78.9	
72.1	74.7	75.1	76.3	78.0	73.4	78.4	73.7	73.7	79.3	30.0	
74.9	77.4	79.0	<del>-79.7</del> -	33.9	51.4	31.4	81.7	31.7	52.3	53.0	
76.7	79.3	31.7	92.3	83.7	84.3	94.3	94.7	84.7	35.3	36.0	
77.3	81.5	83.4	84.1	85.6	36.2	36.2	86.5	86.6	97.2	87.9	
, , ,	.,	,3	, , , ,	0,540	,,,,,	/ C/ <b>4 2</b>	3000	3340		, · •	
د ، 79	84.2	35.8	37.4	39.0	89.7	99.7	90.0	90.0	90.7	91.3	
41.4	35.2	39.1	39.9	91.4	92.1	92.1	92.4	92.4	93.1	93.9	
31.4	<b>95.4</b>	39.3	70.3	72.0	92.9	92.8	93.4	93.4	94.7		
31.4	45.5	39.4	90.4	92.4	93.4	93.4	95.4	95.4	36.9	98.4	
21.4	85.6	89.4	90.4	92.4	93.4	93.4	95.9	95.9	97.3	99.9	
-											
31.4	80.0	39.4	90.4	92.4	93.4	93.4	95.9	95.9	97.3	100.0	
	• • • • •								• • • • • •	• • • • •	

### PERCENTAGE FREQUENCY OF OCCURRENCE - FRUM HUURLY BISERVAT

STAT	110N N	JM358:	747540		IAN NCIT		LAND AFS	LA			`Р: М(
7511	ING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	VISIBILI	TV IN		MILEC	• • •
IN		68	ůξ	SE	GE	GE	GE.	35	SE	GE	
FES		7	<i>£.</i>	5	4	3	2 1/2	2	1 1/2	1 1/4	
		'									
•••								••••			• • •
NO C	CFIL	28.2	35.4	40.0	41.0	42.4	42.9	43.3	43.7	43.7	4
GE 2	20000	32.2	40.3	45.7	46.3	43.6	49.0	47.4	49.3	49.3	4
GE 1	CCCE	32.4	40.5	45.9	47.0	48.8	49.2	49.7	50.0	50.0	5
GE 1	15000	32.4	40.5	45.9	47.0	43.3	49.2	49.7	50.0	50.0	5
GE 1	14000	32.8	40.7	46.2	47.3	49.1	49.6	50.0	50.3	50.3	5
GE 1	12000	33.1	41.9	47.2	43.4	50.2	50.7	51.3	51.7	51.7	5
	0000	33.8	43.4	49.0	50.2	52.0	52.4	53.1	53.4	53.4	5
SE	4000	34.1	44.0	49.7	51.0	52.9	53.3	54.0	54.3	54.3	E 4
GF	3000	35.2	45.2	51.0	52.4	54.6	55.1	55.3		55.1	つ:
GE	7000	35.4	45.5	51.3	52.9	55.0	55.6	56.2	55.6	56.6	54
ĜĒ	6000	35.3	45.7	51.7	53.2	55.5	56.1	55.3	57.1	57.1	57
GΞ	5000	35.9	45.1	52.1	53.7	56.0	56.6	57.2	57.6	57.5	5.1
ςΞ	4500	35.)	45.4	52.6	54.5	55.9	57.4	58.1	53.4	58.4	, t <sub>5</sub> ,
GE	4000	33.0	49.4	55.8	58.2	60.8	51.5	62.3		52.7	53
GE	3500	38.7	50.3	56.3	59.2	61.3	62.8	53.5	63.9	53.9	54
GF	3000	30.5	51.9	53.6	51.0	63.7	65.0	55.0	56.4	56.4	÷, -
C 1"	25.03		50.0	-0.3	( ) (	1 = 1			( ) 0	( o C	
GE	2500	40.5	52.9	59.8	52.4	55.1	56.4	67.4	53.0	63.0	9 t *** 1
65 65	2000 1300	42.6	55.6 55.4	52.9 54.1	65.0 67.4	68.7 73.1	70.1 71.5	71.1	71.7	71.7	71 73
GF	1500	44.9	59.9	54•1 68•4	72.1	75.1	76.7	77.7	78.3	78.3	7:
GF GF	1200	45.3	51.3	70.2	74.3	77.6	79.3	33.4	31.2	31.2	31
.31	FSOO	4149	21.0	10.2	14.5	11.0	1743	J.'•4	31.4	31.4	2.1
SE	1000	45.5	62.1	71.4	75.0	80.0	82.0	83.1	33.9	33.9	34
ĞE	900	45.0	62.5	71.9	76.6	80.7	82.8	93.9	84.7	34.7	85
ĞË	402	46.4	53.2	72.9	77.3	82.5	34.9	86.1	86.9	30.9	31
SE	700	45.3	63.9	73.8	79.3	34.6	37.2	88.7		39.7	91
SE	600	47.0	54.2	74.1	79.9	85.1	87.3	87.5	90.7	30.7	21
		. , .			. , . ,			• -		• • •	,
SE	500	47.0	54.2	75.0	81.2	95.8	89.8	92.1	93.6	93.8	94
GΞ	400	47.0	54.3	75.2	81.4	87.2	90.3	93.9	94.5	95.3	96
G.E.	300	47.0	64.3	75.2	81.4	87.4		93.4	75.0	95.9	31
GE	200	47.0	54.3	75.2	81.4	87.4	90.7	93.4	95.1	96.0	97
SE	100	47.0	54.3	75.2	81.4	87.4	90.7	93.4	95.1	96.0	37
				_							
SE	000	47.0	54.3	75.2	91.4	37.4	90.7	93.4	95.1	96.0	3.1
										• • • • • •	

# CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY SOUTHWEST TO THE PROPERTY OF THE

NGLAND AFB LA

					MONTH:	VCN	HOURS:	09-11			
• •	* * * * * * * * * * * * * * * * * * *	**************************************	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •
	GE STOTET	SE	SE	GE	GE	GE	GE	GE	GE	GE	Ξ2
	2 1/2	2	1 1/2	1 1/4			5/8	1/2	3/8	1/4	c
		• • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • •
,	4.1 O	(2.3	43 7	//3		43.9	43.8	43.8	43.8	43.3	43.9
+	42.9	43.3	43.7	43.7	43.8	40.5	43.C	40.0	43.5	73.5	43.7
<b>'</b> 5	49.0	49.4	47.3	49.3	49.9	49.9	49.9	49.9	49.9	49.9	50.0
5	49.2	49.7	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2
3	49.2	49.7	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2
1	49.6	50.0	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.6
2	50.7	51.3	51.7	51.7	51.3	51.8	51.3	51.8	51.8	51.3	51.9
2	52.4	53.1	53.4	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.7
4	53.3	54.)	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.6
زءُ	55.1	55.3	55.1	56.1	55.2	56.2	56.2	55.2	56.2	55.2	55.3
)	55.6	56.2	56.6	56.6	56.7	55.7	56.7	56.7	56.7	56.7	56.3
5	55.1	55.3	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3
									خ ج خ	, 4 4	
)	56.6	57.2	57.6	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.5
)	57.4	53.1	53.4	58.4	58.5	53.6	53.6	53.6	58.6	58.6	53.7
?	51.5	52.3	52.7	52.7	52.8	62.3	52.3	62.3	62.8	52.8	62.9
₹	62.8	53.5	63.9	53.9	64.1	54.1	54.1	64.1	64.1	54.1	64.2
7	55.3	55.0	56.4	56.4	66.7	66.7	56.7	66.7	55.7	66.7	66.8
ì	55.4	67.4	53.0	68.0	58.2	68.2	68.2	68.2	58.2	68.2	55.3
7	70.1	71.1	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.0
l	71.5	72.5	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.4
l	76.7	77.7	78.3	78.3	78.9	74.9	78.9	78.9	79.9	78.9	79.0
,	79.3	33.4	31.2	31.2	31.8	81.3	81.5	81.8	81.3	81.8	31.9
)	32.0	83.1	53.9	33.9	84.5	84.6	84.6	84.6	34.6	54.5	84.7
, 7	82.8	93.9	84.7	94.7	85.3	85.3	35.3	85.3	85.3	35.3	85.4
) >	94.9	86.1	86.9	36.9	87.5	87.6	87.6	87.5	87.6	57.5	87.7
5	37.2	28.7	99 <b>.</b> 7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.4
	4 <b>7.</b> 3	89.5	90.7	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.6
	7 7 6 3	77. 3	7001	70 • 1	7104	71.4	71.4	71.4	71.7	71.4	71.0
4.	49.8	92.1	93.6	93.8	94.9	94.9	94.9	94.0	94.9	94.9	95.0
?	90.3	93.9	94.5	95.3	96.7	96.8	96.8	95.9	96.9	97.0	77.1
•		93.4	75.0	95.9	97.6	98.4	98.4	98.6	93.6	98.8	98.9
•	90.7	73.4	95.1	96.0	97.7	98.8	98.8	99.4	99.5	99.8	99.9
•	90.7	93.4	95.1	96.0	97.7	98.9	98.8	99.4	99.6	99.3	100.0
,	90.7	93.4	75.1	96.0	97.7	98.3	98.8	99.4	99.6	99.9	105.5
								-		. •	
. •	• • • • • • •		• • • • • • •								

PERIOD OF RECORD: NOV 78 - OCT 88

### PERCENTAGE FREQUENCY OF OCCURRENCE OF (

SŤ4	TTON '	NUMBER:	747543		AP NCIT		SLAND AFE	5 L4		<del></del>	PERI.
	A TAIC	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	VISIBILI	*******	CTATHE	MT1 E C	• • • • •
	LING	r e	GE .	GE	ĜE	GE	GE	GE GE	STATULE	GÉ GÉ	<b>6</b> 3
-	N Et	GE 2	3 E		⊌£. 4	3	2 1/2	2		1 1/4	
		7	?	5			2 1/2		1 1/2		1
• • •		• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • •	• • • • • • •	• • • • • • •	• • • • • •
NO	CEIL	41.7	47.3	43.9	49.2	49.3	49.3	49.4	49.4	49.4	49.
SE	20000	45.9	54.1	55.6	55.9	56.1	56.1	55.2	55.2	56.2	55.,
	18000	47.2	54.4	55.9	56.2	55.4	56.4	55.5	55.6	55.5	55.4
	15000	47.2	54.5	55.0	55.3	56.6	56.5	55.7	55.7	56.7	55.
	14000	47.3	55.1	56.5	56.9	57.1	57.1	57.2	57.2	57.2	57.0
GΞ	12000	43.8	56.3	<b>57.</b> 3	58.1	58.3	58.3	59.4	58.4	58.4	5ª•'
G E	10000	50.0	57.8	54.2	39 <b>.</b> 6	59.9	59.9	60.0	50.0	50.0	50.
GΕ	9000	50.5	54.7	50.1	60.4	60.8	50.8	60.9	50.9	50.9	51.0
G T	2000	51.0	57.9	61.3	51.7	62.6	52.5	62.7	52.7	52.7	62.
GE	7000	51.3	60.3	62.3	62.9	53.6	63.6	63.7	53.7	63.7	63.
GΞ	6000	51.9	51.0	52.4	63.1	64.1	64.1	64.3	54.3	54.3	54.
SE	5000	52.1	51.4	53.2	63.9	64.9	65.0	65.2	65.2	55.2	<b>55</b> •
3∈	4500	52.7	52.1	54.0	54.7	65.9	65.9	66.2	66.2	55.2	55.
ĞĒ	4000	54.2	55.0	67.I	57.9	57.1	59.3	59.7	39.7	59.7	59 <b>.</b>
GΕ	3500	55.3	56.4	68.5	69.3	70.5	70.9	71.3	71.3	71.3	71.
GE	3000	57.3	6ª.9	71.2	72.0	73.9	74.2	74.7	74.7	74.7	74.
30	2500	60.7	73.5	76.2	77.2	79.1	79.4	79.9	79.9	79.9	30.
SE	2000	62.5	75.4	79.4	30.7	82.A	33.1	83.5	33.6	33.5	₹3.
GE"	TROO	53.1	77.1	30.4	81.9	34.0	84.3	84.3	34.8	34.8	35.
GE	1500	54.0	79.2	33.7	85.4	0.68	88.6	89.1	89.3	89.3	89.
GΕ	1200	54.2	79.7	34.3	86.7	89.3	89.9	90.3	90.8	90.9	91.
ge	1000	64.4	80.3	85.0	87.4	90.3	90.9	91.8	92.1	92.1	32.1
SE	900	64.3	30.8	35.6	88.0	91.1	91.7	92.6	92.9	92.3	93.,
GĘ	300	65.0	31.2	86.2	89.1	92.7	93.3	94.3	94.7	94.7	75.
GE	700	55.1	31.3	96.6	89.6	93.2	93.9	94.9	95.6	95.5	95.
GE	500	55.1	31.3	36.7	89.9	93.9	94.7	95.8	96.6	96.6	97.
GE	500	65.1	31.3	36.9	90.7	95.2	96.3	97.5	99.3	98.3	99.
SE	400	65.1	81.3	36.9	90.7	95.3	96.4	97.9	98.8	93.9	99.1
GE	300	55.1	91.3		90.7	95.3			98.3	99.0	99.
GE	200	55.1	81.3		90.8	95.4		97.9	99.9	99.1	90.
GE	100	65.1	81.3	36.9	90.A	95.4	96.6	97.9	98.9	99.Ī	99.
GE	ဂ၀၁	65.1	31.3			95.4			98.9	99.1	99.
			• • • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		

TOTAL NUMBER OF DESERVATIONS 900

ſ

## NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

LAND AFB	L4			PERIOD MONTH:	OF RECI	JRD: N HOURS:		OCT 88			
VISIRILI	TY IN	STATUTE	MILES	• • • • •		• • • • • •	• • • • • •	• • • • • •		• • • • •	
GF	GΞ		GE	GE	GE		GE	GE	GE	ĞΕ	
2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
	• • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	
, 49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
56.1	56.2	55.2	56.2	56.2	56.2	56.2	55.2	56.2	56.2	56.2	• • • •
56.4	55.5	56.6	56.5	55.5	56.5	56.6	56.5	56.6	56.6	55.6	
56.5	55.7	55.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	
57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	
58.3	53.4	58.4	58.4	58.6	58.5	58.6	58.6	58.5	58.5	58.6	
59.9	60.0	60.0	50.0	50.1	50.1	50.1	60.1	60.1	60.1	60.1	•
50. A	60.9	50.9	50.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	
52.5	62.7	52.7	52.7	62.8	62.8	62.8	62.8	62.8	62.8	52.8	
53.6	63.7	53.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
64.1	64.3	64.3	54.3	64.4	54.4	54.4	64.4	64.4	54.4	64.4	
<b>55.</b> 0	65.2	65.2	55.2	65.3	65.3	65.3	65.3	55.3	65.3	65.3	
55.9	66.2	66.2	55.2	55.3	66.3	66.3	65.3	66.3	66.3	66.3	
59.3	59.7	59.7	59.7		39.8	69.8	59.3	$-\frac{59.8}{69.8}$	59.3	69.3	
70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	
74.2	74.7	74.7		74.3	74.8	74.8	74.8	74.8	74.8	74.8	
70 .	<b>3</b> 5 0	· #3.5 % ···				- '' <b>5</b> ' 2	" 5 8"" S		50.75	34 4	
79.4	79.9	79.9	79.9	30.0	80.0	30.0	80.0	30.0	80.0	30.0	
33.1	83.5	33.6	33.5	83.9	33.9	83.9	83.9	83.9	83.9	33.9	
34.3	84.3	34.8	34.8	35.1	95.1	35.1	95.1	95.1	35.1	85.1	
88.5	A9.1	89.3	89.3	89.7	89.7	89.7	89.7	89.7	39.7	39.7	
29.9	90.3	90.8	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
90.9	91.8	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
91.7	92.6	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
73.3	94.3	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
93.9	94.9	95.6	95.6	96.1	95.1	95.1	96.1	96.1	96.1	96.1	
94.7	95.3	96.5	95.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
96.3	97.5	95.3	98.3	99.5	99.0	99.0	99.0	99.0	99.0	-99.0°	
95.4	97.8	98.8	93.9	99.6	99.7	99.7	99.8	99.8	99.8	99.8	
96.4	97.8	98.3	99.0	99.7	99.3	99.8	99.9	99.9	99.9	99.9	·
96.6	97.9	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	
96.6	97.9	98.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	=
96.5	97.9	78.9	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	
										· · · · · · · ·	

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF USAFETAC, ASHEVILLE NO FROM HOURLY DESFRIVATION STATION NUMBER: 747540 STATION NAME: ENGLAND AFE LA LST TO UTC: + 6 MD41 VISIBILITY IN STATUTE MILES CEILING GE GE GE GE GE GE GÉ GΕ IN FEET 5 3 2 1/2 1 1/2 NO CEIL 49.6 49.5 49.5 49.6 49.5 43.3 48.9 49.3 49.6 49. 59.7 GE 20000 51.9 53.8 59.4 59.7 59.7 59.7 59.7 59.7 59. 59.8 59.6 59.3 59.8 59. GE 18000 51.9 53.9 59.8 59.8 59.8 59. 51.3 59.0 59.7 59.9 59.9 59.9 59.9 59.9 59.9 GE 15000 GE 14000 52.0 59.2 59.9 60.1 50.1 60.1 50.1 69.1 60.1 60. GE 12000 52.7 59.9 60.5 60.8 60.8 60.3 50.8 50.9 60.9 6C. GE 10000 53.5 51.9 52.1 62.1 62.1 62.1 62.2 62.2 52. 51.1 GE 9000 62.6 54.1 51.3 52.3 62.8 52.3 62.3 62.9 52.7 02. 8000 55.0 54.3 35.5 55.0 56.1 55. 55.4 66.0 65.0 55.1 55.4 57.6 57.5 GE 7000 57.0 65.9 67.2 67.4 57.8 67.3 57. GE 6000 57.0 55.4 57.2 67.5 67.3 67.9 57.9 58.3 59.3 5ª. GE 69.3 53.5 59.8 59.5 5000 50.1 59.0 69.2 69.3 59. 66.7 GE 71. 4500 59.0 67.7 59.7 70.1 77.6 70.7 70.7 71.1 71.1 ĞÉ 4000 50.9 71.0 73.2 73.8 74.3 74.4 74.4 74.9 74.9 75. 75.9 3500 74.8 76.8 77.3 77. GE 61.5 72.3 76.7 76.3 77.3 80.4 91.1 81. SE 79.4 3000 64.2 75.5 78.2 80.3 80.4 81.1 34.0 SE 2500 66.3 73.0 31.0 82.7 33.7 83.9 34.7 34.7 54. GF 05. 2000 67.1 79.1 82.3 84.2 85.7 85.9 36.0 36.7 36.7 SE 79.5 1300 67.4 82.8 34.7 85.I 85.3 85.4 37.1 37.1 37. 39.4 89.9 90.1 90.9 GE 35.6 90.9 91. 1500 68.0 87.8 31.3 GE 90.8 91.9 91.9 91.1 92. 1200 53.5 32.0 35.3 88.6 90.3 69.2 87.2 39.7 91.4 91.9 92.2 73.0 73.5 43. GE 1000 32.7 GΞ 69.2 91.9 92.3 92.7 93.4 73.4 93. 900 32.7 37.2 39.3 94. 69.2 32.7 74.1 94.1 GE 300 37.4 90.2 92.3 92.9 93.3 GE 87.9 94.2 95.0 700 59.3 32.9 90.9 93.6 96.1 96.1 95. GE 600 69.3 88.0 91.3 94.3 95.1 95.9 97.0 97.0 97. 52.9 95.1 91.3 98.I SE 500 69.3 32.9 88.0 95.9 95.8 78.0 98. 99. 98.7 91.8 95.4 97.3 GE 400 67.3 52.9 33.0 96.2 98.3 95.6 99.3 32.9 91.8 79. GE 69.3 99.9 300 33.0 96.3 97.6 32.9 91.8 GE 200 67.3 88.0 95.6 96.3 97.5 28.9 99.0 99.

95.6

95.5

96.3

96.3

97.5

97.6

TOTAL NUMBER OF DRSERVATIONS 900

SE

GE

(

100

000

69.3

69.3

32.3

32.9

88.3

33.0

91.3

91.8

78.9

98.9

99.0

99.3

٥o.°

99.

### AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

D AFB	LA			PERIOD HONTH:		DRD: N HOURS:	10V 78 - 15-17	· OCT 88	3			
	• • • • •	• • • • • • •			•••••				•••••	• • • • •		
		STATUTE	_									
GE	GE		GE	GE	GE	GE	GE	GE	GE	GE		
1/2	2	1 1/2	1 1/4	11	3/4	5/8	1/2	3/8	1/4	0	~ <del>~~</del>	
• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • •	•••••	•••••	•••••	• • • • • •	• • • • •		
9.5	49.5	49.6	49.5	49.5	49.6	49.6	49.6	49.5	49.6	49.6		
9.7	59.7	59.7	59.7	59.7	59.7	59 <b>.7</b>	59.7	59.7	59.7	59.7		
9.3	59.8	59.8	59.8	59.3	59.8	59.8	59.8	59.8	59.8	59.8		
9.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	······································	
2.1	50.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1		
0.3	50.B	60.9	60.9	60.9	60.9	50.9	50.9	60.9	50.9	60.9		
2.1	62.1	52.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	w	
2.3	62.3	62.9	02.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9		
5.0	55.0	56.1	55.I	55.1	36.1	56.1	65.1	56 · I	66.I	55.1		
7.6	57.5	57.8	67.8	6 <b>7.</b> 3	<b>57.</b> 8	67.8	67.8	67.8	67.8	57.8		
7.9	57.9	58.3	58.3	63.3	68.3	63.3	63.3	68.3	68.3	68.3		
9.3	69.3	59.8	~ 59°• 8°	59.3	59.3	59.5	69.8	69.8	69.8	69.8		
0.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1		
4.4	74.4	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0		
6.8	76.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4		
0.4	80.4	91.1	81.1	81.2	91.2	81.2	81.2	81.2	31.2	81.2		
3.9	34.0	34.7	34.7	84.3	34.3	34.8	84.8	84.3	84.8	84.3		
5.9	36.0	86.7	36.7	3 <b>6.</b> 8	8.68	86.8	86.8	86.3	86.8	86.8		
5.3	85.4	37.1	37.1	37.2	37.2	87.2	87.2	87.2	87.2	87.2		
9.9	20.1	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0		
0.3	91.1	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2		
1.9	92.2	73.0	73.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3		
2.3	92.7	93.4	93.4	93.8	93.8	93.8	<b>93.</b> 8	93.8	93.8	93.8		
2.9	93.3	74.1	94.1	94.6	94.6	94.5	94.6	94.6	94.6	94.6		
4.2	95.0	96.1	96.1	96.5	96.6	96.6	96.6	96.5	96.6	96.5		
5.1	95.9	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4		
o. 7	95.8	99.0	98.1	98.5	98.6	98.6	98.6	98.6	93.6	98.6		
6.2	97.3	98.7	<b>98.3</b>	99.4	99.4	99.4	99.4	99.4	99.4	99.4		
5.3	97.5	93.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9		
5.3	97.5	98.9	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	_	
6.3	97.5	98.9	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	-	
5.3	97.6	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0		

### PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY DISERVATED

STATION F	NUMBER:	747540		TO UTC		LAND AFE	3 L4			3.4 40
CET INC	• • • • • •	• • • • • • •		• • • • • •	• • • • • •	VISIBILI			MT) EC	• • •
CEILING	66			<u> </u>						
IN	GE	GE	SE	GE	GE	GE	GE	GE	GÉ	
FEET	7		5	4	3			1 1/2		
• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •		• • •
NO CETE	49.6	53 <b>.7</b>	54.3	55.0	55.0	55.0	55.1	55.1	55.1	5
GE 20000	55.7	51.9	62.8	53.4	63.4	53.4	53.5	63.6	53.5	ŕ
GE 18000	56.7	51.9	52.B	63.4	63.4	63.4	63.5	53.6	53.5	_
GE 16000	56.7	51.9	52.8	53.4	63.4	53.4	63.5	53.6	53.5	
GE 14000	57.2	52.4	63.3	54.0	64.0	64.0	64.1	64.1	64.1	t
GÉ 12000	58.2	63.7	64.7	55.3	65.3	55.3	65.4	65.7	55.7	4
SE 10000	59.3	54.9	65.9	55.5	65.6	66.5	55.7	56.9	56.9	-
GE 9000	59.6	65.1	66.1	66.8	56.3	66.8	55.9	67.1	57.1	. (
SE 8000	61.7	57.7	57.2	70.0	70.1	70.1	70.2	70.4	70.4	
GE 7000	62.6	53.5	70.1	71.1	71.3	71.3		71.8	71.8	
GE 5000	62.3	58.8 °	70.3	71.3	71.6	71.5	71.5	72.0	72.0	
GE 5000	63 <b>.</b> 3	70.2	71.8	72.9	73.2	73.2	73.4	73.7	73.7	
GE 4500	54.3	70.9	72.8	74.0	74.6	74.6	74.3	75.0	75.0	
GE 4000	65.4	72.4	75.0	75.4	77.1	77.1	77.4	77.7	77.7	
GE 3500	65.7	73.0	75.7	77.2	78.2	78.2	78.7	78.9	78.9	•
GE 3000	67.5	75.2	78.3	30.4	31.6	81.5	62.1	32.4	32.4	
GE 2500	59.2	77.3	81.1	33.7	34.9	34.9	ë5.4	85.3	35.3	
GE 2000	69.9	78.1	82.2	85.0	87.0	87.0	37.6	37.9	87.9	!
SE 1900	70.1	73.4	32.5	55.4	87.4	37.4	83.)	33.3	38.3	
GE 1500	70.€	30.1	84.5	87.8	90.2	90.2	90.9	91.2	91.2	•
GE 1200	71.5	30.3	35.4	39.1	91.8	91.8	92.4	92.8	92.3	
SE 1000	72.1	91.3	36.6	90.3	93.1	93.1	93.3	74.1	94.1	
GE 900	72.3	32.1	86.9	90.8	93.8	93.8	94.4	94.8	94.8	
SE 300	72.4	32.3	37.2	91.1	94.1	94.1	94.9	95.2	95.2	
GE 700	73.0	32.9	38.1	92.2	95.3	95.3	96.6	96.9	95.9	
GE 500	73.1	83.0	38.2	92.6	95.7	95.7	95.9	97.2	97.2	,
GE 500	73.1	83.0	38.2	92.6	96.0	95.1	97.4	97.8	97.8	
GE 400	73.1	83.0	88.2	92.9	96.3	96.4	97.8	98.1	98.1	
GF 307	73.1	33.0	33.2	92.9		95.5	98.0	78.3	78.3	
GE 200	73.1	93.0	88.2			96.6	98.0	98.3		,
SF 100	73.1	93.0	33.2	92.9	96.4	96.6	93.0	98.3	98.3	
SE 000	73.1	83.0	38.2	92.9	96.4	96.6	98.0	98.3	98.3	4

€.

Ţ

1

(

(

# FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS AFB L4 PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: NOV HOURS: 18-20

	14	134			1.1	)K2	•	1 0	3-2	<u>U</u>											
• •	• •	• •	• •	• •	• •	• • •	• •	• •	• •	• • •	• •	• • •	• •	• • •	• • • •	• •	• •	• • •			
-		- C	E		-	GE			G	=		GE			GĒ			GE -			
		3/				5/8			1/			3/8			1/4			ິງ			
								_			•	<u> </u>						• • •			
	• •		•				•	•		• • •		•••	•				•				
- 5 -		55	. 2	·	5	55.	2		55	• 2		55.	2		55.2	) · · · ·	5	5.2			
~ •			•	-	_	•	_			-			_				-				
3.		63	. 7	7	f	53.	7	-	63	. 7		63.	7		53.7	·	6	3.7			
		63				53.			63			63.			53.7			3.7			
		63				53.				.7		63.			53.7			3.7			_
		54				54.			64			64.			54.2			4.2			
		65				っち。				• 8		65.			55.8			5.3			
. •							_		-												
7 .	!	67	. 0	)	- 6	57.	0		67	.0		67.	0		57.0	· ·	6	7.5			
		57				57.			67			67.			57.2			7.2			
		70				70.				• 5		70.			70.5			0.6			
		71				71.				. 9		71.			71.9			1.9			
		72				72.				. 1		72.			72.1			2.1		-	
		_					_		_				_				-				
3.		73	. <u>9</u>	3	7	73.	8		73	ġ.		73.	8	:	73.8		7	3.3			
		75				75.			75			75.			75.1			5.1			
		77				77.			77			77.			77.9			7.3			
		79				79.			79			79.			79.0			9.0			
		82				32.			82			82.			32.5			2.6			
															_			-			
5.		35	. 9	)	ė	35.	9		85	. 5		85.	9		35.9	_	8	5.9			
		33			5	38.	0		88			88.			38.0		8	8.0			
		88				88.			88	• 4		88.			38.4	<del></del>		3.4			-
١.	(	91	• 3	3	9	91.	3		91			91.	3		91.3		9	1.3			
2.		92	• 9	)	Ŝ	2.	9		92	• 9		92.	9		32.9	)	9	2.9	-		
•		94	. 2		- 9	4.	2		94	. 3	-	94.	3	٠ د	94.3		q	4.3		-	
٠.	(	94	. 9	)	9	94.	9		95	• 0		95.	0	•	95.0	)	91	5.0			
٠ (		95	. 8	}	9	75.	8		95	• 9		95.	9		95.9	)	9	5.9			_
		97				77.			97	• 6		97.	6	•	77.6	•	9	7.6			
7.	•	97	. 9	)	9	77.	9		93	• 0		98.	0	(	98.0	)	9	8.0			•
		98				8.				• T		99.			99.1			9.1			
•	(	99	• 2		9	9.	2			. 4		99.	4	•	19.4		9	9.4			
		99				19.				. 7		99.			9.7			7.7			
		99				9.			99			99.			9.7		91	9.7			
•	. (	99	. 4	•	9	9.	4		99	. 7		99.	7	1 (	0.00	)	10	0.0			
													_								
•	Č	99	• 4	}	9	9.	4		99	• 7		99.	7	1 (	0.0	)	10	0.0			
•	• •	• •	• •	• •	• •	•	• •			• • •			• •	• • •	• • •	• •		• • •			_

)

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CELL FROM HOUSE CONTROL OF CELL

STATION N			LST	TO UTC	: + 6	AND A=8	LA			PERIOD MONTH:
CEILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		VISIBILI	TY IN	STATHE	MILES	• • • • • • •
IN	GE	GE	GE	GE	GE	GE		GE	_'15E	GE
FEET	7	5	5	4	3	2 1/2	2		1 1/4	
									• • • • •	T
NO CEIL	50 <b>.</b> 9	54.3	55.7	56.8	6 T /	57.6	· e	E A A	57 A	<b>53</b> 0
NO CETE	30.9	74.7	22.1	מ∙פכ	31.0	27.0	57.7	57.8	57.8	5 <b>7.</b> 3
GE 20000	54.7	53.9	60.6	51.3	62.7	52.7	63.0	63.1	53.1	53.1
SE 18000	54.7	53.9	50.6	51.8	62.7	52.7	63.0	63.1	63.1	53.1
SE 15000	54.7	58.9	50.6	61.8	62.7	62.7	63.0	53.1	53.1	53.1
GE 14000	54.3	59.0	60.8	62.0	62.9	62.9	63.2	63.3	63.3	63.3
GE 12000	56.1	60.3	62.1	63.3	64.2	64.2	64.7	54.8	64.8	64.3
GE 10000	57.5	62.2	54.0	55.2	56.1	66.1	55.6	55.7	66.7	66.7
GE 3000	58.0	62.7	54.4	65.7	66.6	66.5	67.0	67.1	67.1	67.1
GE 8000	59.2	54.2	55.1	67.7	69.6	58.6	59.0	59.I	59.1	69.1
GE 7000	59 <b>.7</b>	54.7	65.5	68.2	69.2	59.2	59.7	59.8	69.8	69.3
GE 6000	59.8	54.9	66.3	68.4	59.3	69.8	70.2	70.3	70.3	70.3
GE 5000	59.9	55.1	37.1	63.3	70.3	70.3	70.8	70.9	70.9	70.9
SE 4500	60.7	55.0	68.4	70.2	71.8	71.5	72.2	72.3	72.3	72.3
GE 4005	52.3	63.1	70.7	72.7	74.6	74.5	75.0	75.1	75.1	75.1
GE 3500	63.6	69.2	71.8	73.8	75.7	75.7	75.1	76.2	76.2	76.2
GE 3000	55.3	71.3	74.3	76.4	78.4	78.4	79.0		79.1	79.1
SE 2500	55.9	72.2	75.6	77.9	79.9	79.9	85.4	30.6	30.5	30.7
SE 2000	56.3	73.3	77.0	79.4	81.5	31.5	82.1	82.2	32.2	52.3
GE TADO	33.9	73.4	77.1	79.7	81.9	E1.9	82.4	32.6	32.5	一克2.7
GE 1500	68.7	75.0	80.0	33.1	85.6	85.6	86.2	36.4	35.4	85.5
SE 1200	69.1	76.4	30.5	83.9	36.4	86.4	87.1	87.3	87.3	57.4
GE 1000	59.8	77.9	92 <b>.7</b>	54 /	00.0	an a	33 <b>7</b>	· - 8 4***- 2**	· 53 5	55.0
SE 900	70.5	78.7	33.7	86.4 87.6	99.0 90.1	89.0 90.1	89 <b>.7</b> 90.8	91.0	~ 59 <b>.9</b>	90.0 91.1
GE 800	71.1	79.4	84.5	38.6	91.1	91.1	93.3	92.0	91.0	92.1
GE 700	71.8	30.1	85.8	90.0	92.9	93.0	93.9	94.2	94.2	94.3
GE 600	72.0	30.4	85.2	90.4	94.1	94.3	95.3	95.7	95.7	95.9
30 30 3	1249	30.4	93.2	70.4	77.1	74.3	90.5	97.1	77.1	90.9
GE 500	72.3	80.4	36.4	90.9	94.8	95.0	95.0	75.3	96.3	75.5
GE 400	72.0	40.8	36.9	91.4	95.5	95.8	95.9	97.6	97.5	37.5
GE 300	72.0	30.3	. 9		96.0	96.3	97.6	98.2	98.2	
GE 200	72.0	30.8	36.9	91.8		96.3	97.6	98.2	98.2	93.7
GE 100	72.0	30.9	86.9	91.8	96.0	96.3	97.6	98.2	98.2	99.7
GE 000	72.0	80.8	86.9	91.3	96.0	96.3	97.6	98.2	98.2	98.7
	•••••	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •		

### REJUENCY OF DECURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

5 LA							JCT 88				_
- 			MUNIH	NUV	HOURS:	21-23					
ITY IN	STATUTE				• • • • • •	• • • • • • •	• • • • • • •	•••••	•••••		
ΰΞ	GE	GE	GE	GE	GE			GE	GE		
2	1 1/2	1 1/4				1/2	3/8	1/4	<u> </u>	····	
	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • •		
57.7	57.8	57.8	57.3	57.8	57.8	57.8	57.8	57.A	57.8		
/ 3 %	. 5	15 at 141	150		ا سود سے واد						
53∙0 53∙0	53.1 53.1	53.1 53.1	53.1 53.1	63.1 63.1	63.1 63.1	53.1			63.1		
53.0	53.1	63.1			63.1	63.1	63.1 53.1	63.1	63.1		_
63.2	63.3	63.3	63.3	53.3	63.3	53.3		63.3			
54.7	54.8	64.8	64.9	54.3	34.8	64.8		64.3			
50.5	<b>55.7</b>	66.7	66.7	56.7	6.4 <b>7</b> )		·- /·· <del>·</del>	1 25 1 <b>5</b> 1			
57.0	67.1	67.1	67.1	67.1	66.7 67.1	65.7	66.7 67.1	66.7	66.7 67.1		
65.0	59.1	59.1	69.1		59.1	69.1	69.1		59.1		
59.7	59.B	69.8	69.3	59.8	69.8	69.8		69.3	69.8		
77.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3		
70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	75.9		
72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3		
75.0	75.1	75.1	75.1	75.1	75.1	75.1			75.1		
75.1	76.2	76.2	76.2	76.2		76.2					
79.0	79.1	79.1	79.1	79.1	79.1	79.1		79.1	79.1		-
3 <b>).4</b>	3 <b>0.</b> 6	50.5	90.7	30.7	80.7	80.7	30.7	80.7	80.7		
32.1	82.2	32.2	82.3	82.3	82.3	82.3	82.3	32.3	82.3		
32.4	92.6	32.5		H2.7	82.7	82.7		82.7			
35.2	36.4	35.4	86.6	86.5	86.6			36.5	36.6		
37.1	87.3	87.3	57.4	37.4	37.4	87.4	37.4	37.4	87.4		
39 <b>.</b> 7	89.9	99.9	90.0	90.0	90.0	90.5	90.5	90.0	90.0	-	
90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1		
91.3		92.0						92.1	92.1		
93.9	94.2				94.3			94.3			
95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	•	•
95.0	75.3	96.3	75.6	96.8	96.8	96.5	96.49	96.9	96.3		
95.9	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0		
97.6	78.2	98.2	98.4	98.7	93.7	98.8	98.8	98.8	98.9		
97.6	78.2	98.2	93.7	98.9	93.9	99.0	99.0	99.0	99.3		
97.6	98.2	98.2	99.7	99.9	93.9	99.2	79.2	99.3	99.8		
97.6	93.2	98.2					99.7 -				

### PERCENTAGE FREQUENCY OF OCCURRENCE OF COMERCE PROPERTY OF THE 
STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA LST TO UTC: + 6		PESI 3
CEILING VISIBILITY IN STATUTE M	ILES	•••••
IN SE GE GE GE GE GE GE	G⊑	្ន∈
	1 1/4	1
	• • • • •	• • • • • •
		7
NO CEIL 39.3 44.3 46.9 48.2 49.2 49.4 49.8 50.1	50.1	50.4
	55.8	55.J
	55.9	55.1
	55.9	56.1
	56.3	55.4
GE 12000 44.4 50.5 53.5 55.0 56.1 56.3 55.8 57.2	57.2	57.1
	C 12 2	
	54.9 50.4	59.1
	59.4	53.
	51.4	51.6
	52.2	52. +
GE 5000 47.5 54.5 58.1 59.8 61.3 61.6 52.1 62.6	62.5	63•
	<b>(3</b> E	
	53.5	53.7
	54.5	54.
SE 4000 50.5 53.5 52.8 54.9 66.7 67.1 57.3 58.2	58.3	53.
	69.7	77.
GE 3000 53.0 51.3 56.2 63.6 70.7 71.3 72.0 72.5	72.6	72.
	<b>-</b> -	_ (
	75.5	75.
	78.1	7 1
	74.7	79.1
	82.9 84.9	93.3
GE 1200 58.2 69.4 75.6 79.5 82.5 83.2 84.2 84.8	74.9	85.1
65 1000 58.9 70.5 77.1 31.3 84.5 85.3 86.3 36.9	87.0	მ7.∘
	38.0	्रात्र कर का स्थाप
65 900 59.3 71.1 77.8 32.1 85.4 86.2 87.3 87.9 65 900 59.7 71.7 73.5 83.0 86.7 87.5 83.7 89.4	39.5	-95. h
	91.6	92. r
	92.9	93.5
95 909 1346 1647 1740 9447 3746 7043 7147 7649	76 0 7	7 / •
GE 500 60.3 72.7 80.2 85.6 90.4 91.6 93.4 94.5	94.5	<b>95.</b> 3
GF 400 60.3 72.9 80.5 86.1 91.1 92.4 94.5 95.8	95.0	36.3
	76.5	35.3 - 77.7
	96.6	97.5
	96.6	97
The state of the s		
55 000 60.3 72.9 80.5 86.2 91.4 92.7 94.9 96.3	96.5	97.5
- * * * * * * * * * * * * * * * * * * *		

TOTAL NUMBER OF DESERVATIONS 7200

### EDUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

LÁ			052170	OF REC	1217 · N	1V 73 =	CCT GO			
LA				NOV HOU			001 30			
				100	ACT ME	·				-
TY IN	STATUTE	MILES								
35	GE		GE	ĞΕ	GE T	SE	ĞE	GE	GE	
2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	ō	
									••••	
47.3	50.1	50.1	50.3	50.4	50.4	50.4	50.4	50.5	50.7	-
50.0	55.8	55.8		55.1	56.1	56.1	56.1	56.2	56.4	
55.5	55.9		56.1	56.2	56.2	56.2	56.2	56.3	56.5	
50.5	55.9	55.9		56.2	56.2		56.2	56.3	56.5	
55.9 56.0	56•2 57•2		56.4	55.5		55.6	56.6	55.5	56.3	
55.3	21.2	57.2	57.4	57.5	57.5	57.5	57.5	57.6	57.3	
5≾.5	53.8	54.9	59.1	59.1	59.1	59.2	59.2	59.3	59.4	
59 <b>.</b> )	59.4	59.4	59.5	59 <b>.</b> 7	59 <b>.7</b>	59.7	59 <b>.</b> 7	59.3	60.0	
51.5	51.4	61.4	51.6	51.7			51.8	51.5	62.0	
61.8	52.2	52.2	62.4	62.5		62.5	62.5		52.8	
52.1	62.6	62.5	62.3	62.8	52.8	52.9	62.9	53.0	52.2	
91. V 1	26.40	02.0	OL • 7	GEV.	0 L + 0	JE • /	Q • 7	J J • 17	J. • Z.	
63.0	63.5	53.5	53.7	63.8	63.8	63.B	63.8	63.9	64.1	
54.2	54.6	54.5	54.8	64.9	54.9	64.9	54.9	65.0	65.2	
57.3	58.2	58.3	63.5	68.5	68.5	63.5	33.6	58.7	58.9	
59.3	59.7	69.7	70.0	70.0	70.0	70.1	70.1	70.2	70.4	
72.0	72.5	72.6	72.3	72.9	72.3	72.9	72.9	73.0	73.2	
7+.9	75.4	75.5	75.3	75.8	75.8	75.9	75.9	76.0	75.1	
77.5	70.0	78.1	78.3	79.4	78.4	73.5	73.5	73.6	73.3	
73.3	78.3	74,3	_	79.2	79.2	79.3	79.3	79.4	79.5	
32.2	32.9	82.9	83.3	83.4	33.4	33.4	93.4	93.5	33.7	
34.2	84.9	94.9	85.3	35.4	35.4	45.4	85.4	95.5	85.7	
	3. A	51 <b>45</b> A	7 s <b>m</b> 5			w <b></b>			_	
35.3	35.9		87.4	87.5	87.5	87.6	97.5	87.7		
37.3	57.9	88.0	88.4	88.5	39.5	83.6	83.5	53.7	88.7	
93.7	37.4	39.5	90.0	90.1	90.1	90.2	90.2	90.3	90.5	
90.6	91.5	91.6	92.1	92.3	92.3	92.3	92.3	92.4	92.5	
91.9	92.8	92.9	93.5	93.5	93.6	93.7	93.7	93.9	94.0	
93.4	94.5	94.5	95.3	95.5	95.5	05 4	05.7	01. <b>7</b>	05 0	
74.5	95.8	96.0	96.3	97.0	97.0	_	95.6	95.7	95.9	
74.3	95.2	76.5	97.3	97.7	97.7	71.6	97.2 97.9	97.3	97.5 93.4	
34.9	96.3	95.6		98.0		93.5		98.8	99.2	
94.9	96.3	96.6	97.5	99.5	98.5	93.6	98.6	99.0	99.6 99.8	
, · • /		,,,,,	, , <b>,</b> ,	, , • 0	,,,,,	7.2 6 0	70.0	7745	<b>7</b> 7 <b>0</b> €	
94.9	96.3	96.6	97.5	98.0	98.0	98.6	- 99.6-	99.0	100.5	

PERCENTAGE FREQUENCY OF OCCURRENCE OF 1 SPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY GBSERVATION STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA 3721 LST TO UTC: + 6 4)41 VISIBILITY IN STATUTE MILES CEILING GE GE GE GE 3 21/2 2 11/2 GE GE GΞ I٧ FEET 7 4 5 5 1 1/2 1 1/4 49.6 50.3 50.3 NO CEIL 45.5 48.1 50.3 50.5 51.0 51. 44.7 49.3 51.3 52.0 52.0 52.3 52.7 52.7 GE 20000 46.3 43.1 52.5 49.3 52.3 52.5 52.7 GE 18000 45.3 43.1 51.3 52.0 52.0 52. 52.3 GF 15000 43.1 49.8 51.3 52.0 52.0 52.5 52.7 40.3 52. 53.1 52.7 52.9 GE 14000 47.0 43.7 50.4 51.9 52.7 53.3 n3. 53.4 GE 12000 47.5 49.2 51.0 52.5 53.7 54.1 53.2 53.2 53.9 55.3 GE 10000 49.3 51.3 53.8 55.0 56.0 56. 56.5 55.7 55. SE 53.8 57. 51.3 55.3 9000 49.3 56.1 50.1 55.3 55.6 55.3 35 50.3 54.3 57.4 2000 52.4 55.3 56.3 57.0 57.2 57. 56.3 E, 2) . .. 55.1 7000 51.0 57.5 57.7 53.0 53.2 GE 53.1 56.5 57.5 59. 58.3 5000 51.7 54.0 55.9 57.4 53.4 53.4 53.5 59.0 GE 51.9 52.3 5000 55.1 57.4 59.4 60.9 02.1 61.3 52.0 62.5 55.5 53.1 35 4500 53.5 50.0 61.7 54. 53.1 53.L 53.3 53.3 37 4000 57.5 60.5 55.3 55. 55.2 52.5 54.2 55.5 55.5 55 · d 35 59.3 3500 51.3 53.3 55.5 55.9 55.9 57.1 57.3 67.5 57.7 55.3 GE 3000 59.3 59.1 53. 53.2 57.2 58.5 69.6 69.5 69.4 GE 2500 51.1 54.5 70.2 66.7 68.6 70.0 70.0 70.5 70.3 71. GE 55.7 58.2 72.3 72.7 2000 52.2 70.3 71.7 71.7 71.9 72.5 G.E 55.3 72.9 1800 52.7 72.5 73.1 73.3 55.2 71.0 72.4 72.4 72.5 75.3 GE 1500 65.7 59.4 75.1 76.5 76.5 77.1 77.3 77.5 1200 57.7 71.3 75.4 78.2 79.7 79.8 30.2 30.5 80.8 81.0 GE 1000 59.1 73.5 73.0 33. 30.9 82.4 82.5 93.0 33.3 83.5 45.4 35.2 34.9 GE 930 70.4 74.9 79.2 82.4 33.9 84.0 34.6 97.2 87.7 Ġ. 75.7 98.0 37.5 71.7 300 31.4 84.5 86.5 36.5 GF 790 71.4 76.9 31.9 95.5 37.3 33.7 59.0 39.2 39.5 87.7 90.0 SE 500 72.0 77.3 90.0 90.3 90.5 32.4 95.0 83.5 33.5 92.3 91.9 GE 500 72.0 77.7 33.0 89.5 39.6 91.3 91.7 36.9 94.2 94. 400 72.2 75.2 93.3 94.0 GF 33.4 87.6 90.3 90.9 35.7 36.4 73.5 75.3 GE 330 72.4 33.8 91.5 91.7 94.0 98.0 35 95.5 200 94.3 35.9 72.4 73.5 91.5 **91.7** 70.) 33.3 33.0 94.7 **97.**2 GE 100 72.4 78.5 95.7 93.B 38.0 91.5 91.7 76.1 97.3 GE 89.0 91.7 95.8 96.2 000 72.4 78.5 83.8 91.5 94.7

### FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSTRVATIONS

4º 1	LA		<u></u>	252130 HTMCH:	DEC I	วิจิวิจิจิจิจิจิจิจิจิจิจิจิจิจิจิจิจิจ		उटा उउ		<b></b>	# 1 W 1 T T T T T T T T T T T T T T T T T
III	TY 1'1	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • •	
	GE		GE	SE	SE	GE	GE	GE	GΕ	GE	
16	2		1 1/4	1	3/4	5/3		3/9	1/4	9	
	• • • • •	• • • • • • • •		• • • • • • •			• • • • • • •	• • • • • • •			
5	5J.5	50.3	51.0	51.2	51.3	51.3	51.5	51.5	52.0	52.2	
)	52.3	52.5	52.7	52.9	53.0	53.0	53.2	53.3	53.9	53.9	
; )	52.3		52.7	52.9	53.0	53.0	53.2	53.3	53.3	53.7	
)	52.3		$\frac{32.7}{52.7}$	52.9	53.0	53.0	53.2	53.3	53.3	53.9	
7	52.9	53.1	53.3	53.5	53.7	53.7	53.9	54.0	54.4	54.5	
,	53.4	53.7	53.9	54.1	54.2	54.2	54.4	54.5	54.9	55.1	
	F. 4. 2		55.7	56.9	5 <b>7.</b> 0	57.0	57.2	57.3	57.7		
1	55.3		55.3	57.0	57.1	57.1	57.3	57.4	<u>57.3</u>	53.0	
ړ .	57.)	57.2	57.4	57.5	57.7	57.7	58.0	58.1	53.5		
5	57.7		58.2	58.4	58.5	58.5	53.7	58.8	64.2	59.4	
. 4	54.5	58.8	59.0	59.2	59.4	59.4	59.6	59.7	50.1	50.2	
0	52.5	52.3	52.5	52.7	52.3	52.3	53.0	53.1	63.5	63.7	
. 1	53.3	53.5	53.5	54.0	54.1	54.1	64.3	54.4	54.3	64.9	
<u>;</u>	55.3	55.0	55.2	55.5	50.5	55.5	66.3	65.9	67.3	67.4	• •
, 4	57.1	57.3	67.5	57.7	55.0	68.0	64.2	53.3	53.7	68.3	
, 4	54.A	59.1	69.4	59.5	59 <b>.</b> 3	59.3	70.0	70.1	70.5	70.5	
, 3	<b>7</b> 0.2	70.5	<b>70</b> • 8	71.0	71.2	71.2	71.4	71.5	71.9	72.0	
7	71.9	72.3	72.5	72.7	72.9	72.9	73.1	73.2	73.7	73.3	
	72.5	72.9	73.1	73.3	73.5	73.5	73.9	73.9	74.3	74.4	
5	75.5	77.1	77.3	77.5	77.7	77.7	79.0	78.1	78.5	75.5	
, ,	30.2	30.5	80.8	81.0	81.2	31.2	31.4	81.5	31.3	32.0	
, 4,	43.7	33.3	83.5	33.3	34.9	34.0	84.2	84.3	34.7	34.8	
٦	34.5	34.9	95.2	85.4	85.5	85.5	85.8	85.9	36.3	86.5	
3	37.2	37.5	57.7		- <del>83.2</del> -	38.2	63.4	83.5	58.9		
ز	33.7	59.0	49.2	89.5	39.7	59 <b>.7</b>	39.9	90.0	90.4	90.5	
5	3).)	90.3	90.5	90.9	91.1	91.1	91.3	91.4	91.8	91.9	
		24 7				22.5	22.7	22 0	22.2	22.	
		91.7						92.8			
	73.3	94.0	94•2 <del></del>	94.9			95.3	95.4	45.4	76.0	
7	94.5	75.3	10 • 1	10.3	96.7			71.1	71.0	97.7	
7	74.5	95.5 95.7	70 • J			97.2		97.5 98.1	77.4	サき•う いろ マ	
. 7	34 • 3	43.1	10.1	9 <b>7.</b> 2	97.5	71.5	98.0	70 • L	77.6	ソフ・1	
7		95.9									

PERCENTAGE FREQUENCY OF OCCURRENCE OF OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FRUM HOURLY OBSERVATIO STATION NAME: ENGLAND AFB LA STATION NUMBER: 747540 PEP LST TO UTC: + 6 MUN CEILING VISIBILITY IN STATUTE MILES GE IN GE GË GE GE GΞ 2 1/2 2 1 1/2 1 1/4 7 4 3 FFET 5 5 NO CEIL 39.5 43.9 45.4 46.5 47.8 49.2 42.4 46.5 48.3 49.2 47.5 40.5 44.9 47.5 48.9 49.4 47. GE 20000 43.3 46.5 49.2 48.3 49.4 SF 18000 40.5 43.3 44.7 45.5 47.5 47.5 47. 43.7 49.2 49.4 SE 15000 40.5 44.9 47.5 47.5 43.3 46.5 49. 3E 14000 44.9 40.5 43.3 46.5 47.5 47.5 45.3 49.2 49.4 44, 49.5 49.9 GE 12000 43.9 45.5 47.0 50. 48.1 48.1 49.3 41.1 52.5 SF 10000 52.4 52. 43.3 44.0 49.5 50.6 50.5 52.0 45.3 SE 52.3 9000 43.4 45.5 49.1 49.7 50.9 50.9 52.5 52.7 52. 53. ) 54.2 54.1 52.4 SE 3000 49.5 52.4 54. 44.3 47.5 51.2 49.5 54.3 54. GE 7000 44.9 49.0 51.3 52.5 52.5 53.9 54.2 SE 45.9 48.3 50.5 54.3 55.4 55.5 55. 5000 52.3 53.4 53.4 GF 5000 43.0 51.0 52.3 54.5 55.7 55.7 57.1 57.1 57.3 53. 59. 35 4500 55.5 59.2 43.3 51.9 54.0 55.7 57.1 57.1 59.4 -53.I 33.2 59.5 SE 4000 50.3 54.9 57.7 62.5 53. 51.3 61.0 GE 3500 55.9 58.8 51.7 60.6 62.0 62.0 63.5 54.3 64.4 04. 54.0 GF 3000 53.0 57.5 60.5 62.6 65.5 56.3 65.5 for. 54.0 54.2 SE 2500 53.9 64.4 55.9 67.4 63.3 53.4 54. 62.4 65.9 71. GE 55.5 2000 54.4 63.5 70.0 71.0 71.1 60.6 66.7 53.5 54.5 55.3 58.3 75.3 71.3 1300 50.9 67.0 763.8 71.4 71. GE 64.2 75.5 1500 58.3 54.2 70.3 72.9 72.9 74.4 75.4 75. 79. GE 1200 50.5 55.5 70.9 73.5 75.2 76.3 79.0 78.9 79.0 90.8 35 78.8 ccol 51.9 63.1 73.0 75.3 79.5 31.7 31.3 32. GE G≅ 92.5 300 52.5 55.9 73.3 76.6 79.6 79.3 81.5 32.5 32. 34.8 34.9 35. 78.5 **PO0** 70.3 75.6 53.7 81.5 31.7 83.7 36.5 83. GE 700 64.4 71.8 77.2 80.3 84.2 34.4 ₹7.7 38.0 90. 81.8 GE 500 64.7 72.5 78.2 35.9 86.1 88.5 39.3 90.0 02. SF 65.1 72.9 90.5 91.9 500 73.9 92.5 87.3 37.5 72.7 SE 65.2 400 13.3 79.6 89.0 91.9 93.2 93.5 94. 83.4 88.7 55.2 74.2 75. 73.3 74.5 307 77.6 83.4 83.3 39.1 77.5 SE 55.2 92.7 94.5 94.3 95. 200 73.3 79.6 83.9 99.1 33.4 95. GE 79.5 72.7 74.5 94.9 100 73.3 87.1 65.2 83.4 38.3 Gr 000 55.2 39.1 92.7 94.5 34.9 35. 73.3 73.6 93.4 83.3

TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ND AFE	3 LA			PERIOD MONTH:		JRD: NO	73 - 73-05	DCT 89			
SIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • •			-	• • • • • •	• • • • •	
GÉ	G€	ĞΕ	ĞÊ	GË	ĞĒ	GE	GE	GE	GÉ	GE	
2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/3	1/4	9	
								• • • • • •		• • • • •	
										- 22.	
45.5	47.8	49.2	48.3	48.5	43.8	48.8	49.0	49.0	50.0	50.0	
47.5	48.9	49.2	49.4	49.5	49.9	49.9	50.1	50.1	51.2	51.2	
÷7.5	44.9	47.2	49.4	49.6	49.9	49.9	50.1	50.1	51.2	51.2	
47.5	43.9	49.2	49.4	49.6	49.9	49.9	50.1	50.1	51.2	51.2	
47.5	44.9	49.2	49.4	49.5	49.9	49.9	50.1	50.1	51.2	51.2	
48.1	49.5	49.3	49.9	50.1	50.4	50.4	50.6	50.6	51.7	51.7	
+ 47 ♥ <b>A</b>	1,43	• / • /	• • • •	2.5 .	J ( • )	- · ·	) <b>(</b>   0	2010		· • • •	
50.5	52.0	52.4	52.5	52.7	53.0	53.0	53.2	53.2	54.3	54.3	
50.9	52.3	52.5	52.7	52.9	53.2	53.2	53.4	53.4	54.5	54.5	
52.4	53.	54.1	54.2	54.4	54.7	54.7	54.9	54.9	55.0	55.)	
52.5	53.9	54.2	54.3	54.5	54.8	54.8	55.1	55.1	56.1	56.1	
53.4	54.3	55.4	55.5	55.7	56.0	56.0	55.2	56. <i>2</i>	57.3	57.3	
55.7	57.1	57.7	57.3	58.1	53.4	58.4	58.6	58.6	59 <b>.7</b>	59.7	
57.1	53.5	59.2	59.4	59.5	59.9	59 <b>.</b> 9	60.1	50.1	51.2	51.2	
51.5	32.5	53.1	53.2	53.4	33.8	63.8	64.3	54.7	65.I	55.I	
51.U 52.0	53.5	54.3	64.4	64.5	54.9	64.9	65.2	54.J 55.2	55•1 55•2		
	55.5	56.3	66.5	65.7	67.9	67.0				66.2 68.3	
4.0	50.5	20.0	ר • טפ	07.1	01.0	01.0	67.2	67.2	68.3	95 • <b>3</b>	
55.9	67.4	63.3	óð.4	68.6	65.9	68.9	69.1	69.1	70.2	70.2	
55.5	70.0	71.0	71.1	71.3	71.0	71.6	71.9	71.8	72.9	72.9	
33.3	75.3	71.3	71.4	71.5	71.9	71.9	72.2	72.2	73.2	73.2	
72.9	74.4	75.4	75.5	75.7	75.0	76.0	76.2	76.2	77.3	77.3	
76.3	72.0	78.9	79.0	79.2	79.6	79.6	79.8	79.8	80.7	30.9	
			<b>4 2</b> 3	0 N - 5	nging time to	3.5 -			2.4. 4		
79.3	90.3	81.7	31.3	32.2	32.5	32.5	82.7	92.7	33.3	83.3	
9.3	81.5	32.5	32.5	32.9	83.2	83.2	83.4	83.4	54.5	84.5	
31.7	53.7	34.8	34.9	<b>85.3</b>	85.6	85.5	35.2	55.3	85.9	85.9	
34.4	36.5	97.7	88.0	88.4	88.7	88.7	88.9	38.9	90.0	90.0	
16.1	원광•5	49.3	90.0	90.4	90.3	90.8	91.0	91.0	92.0	92.0	
37.5	90.5	91.8	92.0	92.5	92.8	92.8	93.0	93.0	94.1	94.1	
39.0	91.9	93.2	93.5	94.3	94.6	94.6	94.8	94.8	95.9	95.9	
39.1	72.5	74.2	74.5	75.6	95.9		96.1	76.1	97.2	97.2	
39.1	92.7	34.5	94.3	95.0	96.6	96 <b>.</b> 6	96.8		98.1	98.6	
37.1	72.7	34.5	94.9	96.1	96.7		97.0				
2 7 a i	14.1	74 a D	74.7	70 • 1	7701	96.7	7/10	97.0	93.5	99.2	
39.1	92.7	94.5	24.9	96.1	96.7	95.7	97.1	97.1	98.9	100.3	

### PERCENTAGE FREQUENCY OF OCCURRENCE OF FROM HOURLY DISERVATION

CEI	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • •
1		GE	GΞ	SE	GE		GÉ	SE	GE	GE	rj.
ΕĒ		7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	
• • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • •			
NJ	CEIL	23.8	32.5	35.7	38.5	41.1	41.3	41.9	42.4	42.4	42.
GE	20000	30.0	34.2	33.0	40.3	43.5	43.9	44.5	44.9	44.9	45.
	13000	30.2	34.4	33.2	41.0	43.8	44.1	44.7	45.2	45.2	45.
	15000	30.2	34.4	38.2	41.0	43.8	44.1	44.7	45.2	45.2	45.
	14000	30.2	34.4	38.2	41.0	43.3	44.1	44.7	45.2	45.2	45.
GΞ	12000	31.1	35.3	39.0	41.8	44.6	44.9	45.5	46.3	46.0	44.
	10000	32.3	37.4	41.2	44.0	45.8	47.1	47.7	48.2	43.2	43,
GE.	3000	32.)	37.5	41.3	44.1	46.9	47.2	47.3	48.3	49.3	45.
GÉ	3000	34.5	37.4	43.3	45.5	49.2	49.5	50.2	50.6	50.5	51.
GE	7000	35.1	39.8	44.0	47.1	47.9	50.2	50.9	51.3	51.3	51.
GE	6000	35.4	40.2	44.4	47.5	50.3	50.6	51.3	51.7	51.7	52.
GE.	5000	36.3	41.9	45.2	49.4	52.2	52.5	53.1	53.7	53.3	54.
GE .	4500	37.7	43.0	47.6	<u>50.3</u>	53.7	54.)	54.5	55.2	55.3	55.
C.E.	4000	40.5	45.5	51.9	55.2	53.5	58.3	59.5	50.2	30.3	60.
GE	3500	41.1	46.7	52.5	55.8	59.2	59.6	53.3	51.1	61.2	£1.
GE	3000	41.7	43.0	53.9	57.3	60.3	61.1	51.3	52.5	52.7	₽3·
GE	2500	42.4	43.0	55.2	58.7	62.3	52.7	63.5	54.3	54.4	54.
GE	2000	43.3	51.0	57.3	61.0	64.5	54.9	65.3	55.6	56.8	47.
r, E	1900	44.7	51.4	57.7	51.4	65.1	55.5	55.3	67.1	57.3	57.
GΕ	1500	46.2	54.2	61.1	65.2	69.0	69.5	70.3	71.1	71.3	71.
GE	1200	46.9	55.2	62.3	66.3	70.5	71.0	72.0	72.8	73.0	73.
GE	1000	47.3	55.1	53.4	68.1	72.4	72.8	74.3	74.8	75.1	75.
SE	900	45.4	50.8	54.1	58.9	73.4	73.9	75.2	76.0	76.5	77.
SE	300	43.7	57.4	54.9	75.5	74.5	75.3	76.7	77.6	73.1	78.
GE	700	49.5	52.7	66.7	72.4	77.6	78.3	80.3	31.4	81.3	32.
SE	600	49.3	59.2	67.4	73.4	79.4	90.0	32.3	83.3	83.9	R4.
GC.	500	50.2	59.9	68.6	74.9	81.8	82.7	85.3	37.1	87.7	99.
GF	400	50.2	50.2	57.5	75.2	83.2	34.1	87.0	39.0	39.8	90.
55	300	50.2	30.2	69.6	76.3				99.3	90.3	<u></u>
GE	200	50.2	50.2	69.5	76.3	83.7	84.5		90.2	91.2	93.
GΕ	100	50.2	60.2	69.6	76.3	93.7	84.5	<sup>6</sup> 7.5	90.2	91.2	93.
SE	იიი	50.2	60.2		76.3	83.7	84.5	87.5	75.2	91.2	<b>33.</b>

TOTAL NUMBER OF DESERVATIONS 930

FROM HOURLY DESERVATIONS

7 AQ 7 <u>5</u> B	LA			PERIOD HINDH		ORD: N HOURS:	JV 73 - 06-08	OCT 38			
SIBILI	TY IN	STATUTE	MILES	• • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • •	
GE	GE	GE	GE	ĞÉ	GΕ	GE	GE	GE	GE	GE	
2 1/2			1 1/4	1		5/8	1/2	3/8	1/4	0	
			• • • • • •	• • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • •	
41.3	41.9	42.4	42.4	42.3	43.1	43.1	43.8	43.8	44.0	44.3	
43.9	44.5	44.9	44.9	45.4	45.7	45.7	46.3	46.5	46.9	47.4	
44.1	44.7	45.2	45.2	45.6	45.9	45.9	45.5	46.7	47.1	47.5	
44.1	44.7	45.2	45.2	45.5	45.9	45.9	46.6	46.7	47.1	47.6	
44.1	44.7	45.2	45.2	45.5	45.9	45.9	45.6	45.7	47.1	47.5	
44.9	45.5	46.0	46.0	45.5	46.8	46.8	47.4	47.5	48.0	48.5	
47.1	47.7	48.2	48.2	48.5	48.9	49.9	49.6	49.7	50.1	50.6	
47.2	47.3	48.3	49.3	48.7	49.0	49.0	49.7	49.8	50.2	50.8	
49.5	50.2	50.6	50.5	51.1	51.4	51.4	52.0	52.2	52.6	53.1	
50.2	50.9	51.3	51.3	51.7	52.0	52.0	52.7	52.8	53.2	53.8	
50.6	51.3	11.7	51.7	52.2	52.5	52.5	53.1	53.2	53.7	54.2	
52.5	53.1	53.7	53.3	54.2	54.5	54.5	55.2	55.3	55.7	56.2	
54.)	54.5	55.2	55.3	55.7	56.1	56.1	55.8	56.9	57.4	58.0	
53.3 -	53.5	50.2	50.3	60.4	51.2	61.2	51.8	51.9	52.5	63.0	
59.5	50.3	51.1	61.2	61.6	52.0	62.0	52 <b>.7</b>	62.8	53.3	63.9	
61.1	51.9	52.5	52.7	63.1	63.5	63.5	54.2	64.3	64.8	55.4	
52.7	53.5	54.3	54.4	54.9	65.4	65.4	66.0	66.1	66.7	67.2	
54.9	65.3	55.6	56.8	67.3	67.8	67.8	63.5	68.6	59.2	69.3	
55.5	55.3	67.1	57.3	57.8	68.4	58.4	69.0	69.1	69.8	70.3	
69.5	70.3	71.1	71.3	71.8	72.4	72.4	73.0	73.1	73.3	74.3	
71.9	72.0	72.8	73.0	73.5	74.1	74.1	74.7	74.3	75.5	<b>7</b> 6.0	
72.B	74.0	74.8	75.1	75.7	76.2	76.2	76.9	77.0	77.6	73.2	
73.9	75.2	76.0	76.5	77.1	77.6	77.6	78.3	78.4	79.0	79.5	
75.3	76.7	77.6	73.1	78.7	79.2	79.2	79.9	30.0	80.5	31.2	
78.3	80.3	31.4	81.8	82.5	33.0	93.0	93.7	83.8	84.4	84.9	
30.0	32.3	я3.3	83.9	84.7	85.4	85.4	85.0	86.1	86.8	37.3	
32.7	85.3	37.1	87.7	99.7	39.5	59.6	90.2	90.3	91.0	91.5	
54.1	87.0	99.0	39.3	90.9	91.7	91.7	92.5	92.5	93.2	93.8	
54.5	77.5	89.8	90.3	92.2	93.4	93.5	94.6	94.8	95.5	95.0	
94.5	87.5	90.2	91.2	93.0	94.3	94.4	95.8	96.2	97.0	97.7	
84.5	P7.5	90.2	91.2	93.2	94.6	94.7	95.3	96.9	98.0	98.9	
34.5	8 <b>7.</b> 5	20.2	91.2	93.2	94.6	94.7	95.3	97.0	95.1	100.0	. •

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL FROM HOURLY DBSERVATIONS

STATI	ION N	UMBER:	747540	LST	TO UTC:	+ 6	LAND AFB	LA			PERIOD MONTH:
CEILI	INC	• • • • • •	• • • • • • •	• • • • • •	•••••		TITRTETU	**************************************	STATUTE	411 2C	• • • • • • •
IN	1 40	GE	GΞ	GE	GE		GE GE	GE	GE	GE GE	Gε
FECT	r	7	5	5	4	3	2 1/2	2		1 1/4	1
	'									• • • • • •	
NO CE	IL	23.9	34.5	<b>3</b> 8.3	39.4	40.5	40.5	40.5	40.9	40.9	41.1
GE 20	0000	31.4	33.3	42.7	44.1	45.4	45.5	45.5	45.9	45.7	45.1
GE 15		31.₫	39.0	43.4	44.8	46.1	46.2	45.2	46.7	46.7	46.9
GE 16		31.4	39.0	43.4	44.8	46.1	46.2	45.2	45.7	46.7	46.9
GE 14		32.3	39.5	43.9	45.3	46.6	46.7	45.7	47.1	47.1	47.3
GE 12	2000	32.7	39.9	44.3	45.7	47.2	47.3	47.4	47.8	47.8	48.1
GE 10	0000	33.4	41.4	45.1	47.5	49.0	49.1	49.2	49.8	49.8	5 <b>0.</b> 0
GE C	0000	33.7	41.9	46.7	48.1	49.5	49.7	49.3	50.3	50.3	50.5
	3000	35.3	44.7	49.7	51.1	52.6	52.7	52.8	53.5	53.5	53. <sup>4</sup>
	7000	36.3	45.4	50.3	51.7	53.2	53.3	53.4	54.2	54.2	54.4
GE 6	5000	37.4	45.3	51.3	52.7	54.2	54.3	54.4	55.2	55.2	55.4
	5000	38.2	47.3	52 <b>.7</b>	54.3	55.8	55.9	55.0°	55.8	56.3	5 <b>7.</b> 0 .
	•500	39.7	48.9	54.4	55.1	57.6	57.7	57.3	59.6	58.5	5 <b>3.</b> 8 1
	+000	41.4	51.4	57.0	59.0	60.6	60.8	50.9	51.6	51.7	51.9
	3500	42.2	51.9	57.5	59.8	61.4	61.5	61.6	52·4	62.5	62.7
GF 3	3000	43.4	54.0	59.9	52.6	64.2	54.3	64.5	55.3	55.4	55.5
GC 2	2500	44.7	55.9	62.0	64.7	66.7	56.3	67.0	67.7	67.8	53.1
	2000	45.3	57.7	54.1	66.9	68.9	69.0	69.4	70.2	70.3	70.5
GE 1	1800	45.2	53.2	64.5	67.4	59.5	59.5	59.9	70.8	70.9	71.1
	1500	48.5	51.3	68.4	71.5	74.1	74.3	75.1	76.0	75.1	75.3
ST 1	1200	49.2	53.1	70. ŝ	74.5	77.4	77.7	75.5	79.6	79.7	77.3
	1000	49.9	53.3	71.5	75.7	79.1	79.5	33.3	51.3	51.4	81.5
GE	900	50.2	54.5	72.5	76.9	80.4	80.8	32.0	93.1	83.2	83.4
SE	800	50.5	64.9	73.3	78.0	31.5	32.2	83.3	35.1	35.2	35.4
GE	700	50.5	65.2	73.8	79.0	82.8	83.8	35.6	37.1	87 <u>•2</u>	87.5
GT.	600	50.5	55.5	74.5	30.1	84.2	35.3	87.7	89.4	39.5	90.0
GE	500	50.6	65.7	74.9	80.3	85.3	36.5	89.4	91.5	91.9	92.5
GF	400	50.8	65.8	75.1	81.3	86.1	87.3	91.0	93.8	94.4	95.3
GE	300	50.3	55.8	75.1	81.3	86.1	87.3	91.0	34.0	94.5	96.5
GE	200	50.3	65.3	75.1	81.3	86.2		91.2	94.2	94.3	96.3
GE	100	50.3	55.9	75.1	81.3	86.2	87.4	91.2	94.2	94.3	76.3
GE	000	50.9	<b>65.</b> 8	75.1	31.3	85.2			94.2	94.3	96.3
• • • • •											

TOTAL NUMBER OF OBSERVATIONS 930

			PERIOD MONTH:		JRD: NO		OCT 88				
1 1	STATUTE	MILES	• • • • • •		• • • • • •						
<u>.</u>	GΞ	GE	GE	ĞE	GE	GE	GĒ	GE	GE		
2	1 1/2	1 1/4	11	3/4	5/8	1/2	3/8	1/4	<u> </u>	·	·
• • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • •		
• i -	40.9	40.9	41.1	41.2	41.2	41.2	41.3	41.4	41.6		
• 5	45.9	45.7	45.1	46.2	46.2	45.2	46.5	46.6	47.0		v
• 2	46.7	46.7	46.9	47.0	47.0	47.0	47.2	47.3	47.7		
. 2	45.7	45.7	46.9	47.0	47.0	47.0	47.2	47.3	47.7	····	
. 7	47.1	47.1	47.3	47.4	47.4	47.4	47.6	47.7	48.2		
• 4	47.8	47.8	48.1	48.2	48.2	43.2	48.4	48.5	48.9		
. 2	49.8	49.8	50.0	50.1	50.1	50.1	50.3	50.4	50.9	. = = -	
3	50.3	50.3	50.5	50.6	50.6	50.6	50.9	51.0	51.4		
· 8	53.5	53.5	53.8	53.9	53.9	53.9	54.1	54.2	54.5		
. 4	54.2	54.2	54.4	54.5	54.5	54.5	54.7	54.9	55.3		
. 4	55.2	55.2	55.4	55.5	55.5	55.5	55.7	55.8	56.2		
j -	ე5∙8	56.3	57.0	57.1	57.1	57.1	57.3	57.4	57∙3		
.3	59.6	58.5	58.8	53.9	58.9	58.9	59.1	59.2	59.7		
. 9	51.6	51.7	61.9	52.0	52.0	62.2	62.4	62.5	52.9		
. 6		62.5	62.7	62.8	62.8	62.9	63.1	53.2	63.7		
.5	55.3	65.4	55.5	65.7	65.7	65.3	66.0	65.1	55.5		**
. )	67.7	67.8	68.1	63.2	68.2	68.3	68.5	68.6	69.0		
4	70.2	70.3	70.5	70.5	70.6	70.8	71.0	71.1	71.5		
• 3	70.8	70.9	71.1	71.2	71.2	71.3	71.5	71.6	72.0		
. 1	76.0	76.1	75.3	76.6	76.6	76.7	76.9	77.0	77.4		
• Ó	79.6	79.7	79.9	80.1	90.1	30.2	30.4	30.5	81.0		•
. 3	81.3	81.4	81.5	81.8	31.8	81.9	62.2	82.3	82.7		
• 0	93.1	83.2	83.4	83.7	83.7	83.8	84.0	84.1	34.5		
• <del>3</del>	35.1	35.2	35.4	35.6	35.5	85.7	85.9	86.0	36.5		
• 5	37.1	87.2	87.5	87.7	87.7	87.8	88.1	83.2	38.6		
• 7	39.4	39.5	90.0	90.2	90.2	90.3	90.5	90.6	91.1		
4	91.5	91.9	92.6	92.9	92.9	93.3	93.2	93.3	93.5		
• 0	93.9	94.4	95.8	96.5	96.5	95.6	96.8	96.9	97.3		
•0	34.0	94.5	96.5	97.2	97.2	97.3	97.5	97.6	93.1		
• 2	94.2	94.9	96.3	97.7	97.7	98.1	98.3	98.5	99.1		
• 2	94.2	94.3	<b>36.3</b>	97.7	97.7	98.1	98.4	98.9	99.3		= .
• 2	94.2	94.3	96.9	37 7	97.7	03 1	98.4	33.1	100.0		

0 - 2 - 103

											1
Ub E	RATING	LOCATI	ION WAW			PERCE	NTAGE FR	FOHENC	Y 05 000	UZZENCI	- 7c
			TLLE NO						์ หวับจับ		- 4
STA	TION	IMS=2:	747540	STAI	TTON NAM	MF: ENGI	AND AFB	T A			```P'E-K
317			,,,,,,		TO UTC						MON
ce i	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	VISIBILI	*****	CTATILTE	MILEC	•••••]
	N	GΕ	ΞE	GE	GE	ĞE	GE	- 5 <u>-</u>	STATUTE GË	MILES ÖE	n.
	.N. ET	. G∈ 7	υ <u>ε</u> ό	5 5	3 <u>=</u> 4	3	2 1/2				1
				·			2 1/2	2	1 1/2	1 1/4	]
• • •	• • • • • •	• • • • • •		••••	• • • • • • •		• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	••••
DN	CEIL	37.6	44.7	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45
٥Ē	20000	42.0	50.9	52.5	52.7	52.8	<b>52.</b> 8	52.8	52.8	52.8	52
	18000	42.6	51.3	53.4	53.7	53.8	53.3	53.8	53.8	53.3	F3
GE	16000	42.6	51.8	53.4	53.7	53.8	53.8	53.8	53.8	53.3	53
GĒ	14000	43.0	52.3	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54
GE	12000	43.3	53.7	55.3	55.6	55.7	55.7	55.7	55.7	55.7	5 ว
ae.	10000	45.3	55 <b>.7</b>	57.5	58.1	53.3	58.3	53.3	53.3	58.3	53
GE	9000	45.5	55.0	58.0	58.4	53.5	53.5	53.5	58.5	58.5	5.8
SE	3000	46.5	57.5	59.6	50.0	60.2	53.2	50.2	50.2		50
GĒ	7000	45.3	58.4	60.8	61.2	61.4	61.4	61.4	51.4	51.4	51
GE	6000	47.4	59.2	61.5	62.0	62.3	52.3	52.3	52.3	62.3	62
SE	5000	48.4	50.3	52.7	53.1	63.3	63.3	63.3	63.3	63.3	53
GE	4500	50.2	52.3	64.8	55.5	65.8	55.3 55.8	65.8	55.8	55.8	65
ζĒ	4000	52.4	54.8	57.4	58.2	63.5	58.5	63.5		33.5	4.1
ĞĒ	3500	53.3	65.3	68.5	69.4	59.7	69.7	59.7	59.7	69.7	49
ĞĒ	3200	55.3	59.5	71.3	72.4	72.7	72.7	72.7	72.7	72.7	7^
GE	2500	5 <b>7.7</b>	71.0	74.2	75.5	75.1	75.3	75.3	73.5	76.5	75
GE	2000	59.4	73.0	75.6	78.0	73.1 73.7	76.9	73.9	79.0	79.0	7)
SE	1300	- <del>5</del> 9. B	73.5	77.3	78.3	79.5		79.3		79.9	77
GE	1500	51.2	76.3	30.5	32.9	34.1	34.4	34.5	34.7	34.7	P.
GE	1200	51.9	77.2	91.3	34.9	86.5	96.8	H <b>7.3</b>	87.4	37.4	37
GE.	1000	52.5	77.8	32.6	35.9	87.7	88.1	89.70	39.1	99.2	39
G E	900	62.7	75.2	93.2	86.3		39.2	90.2		90.5	3)
GE		53.0			37.5				70.5		
GE	700	63.3		84.3	88.5		91.6	92.7	93.1	93.4	93
GE	600	63.5	79.1	85.3	89.7	72.7	93.3	94.6	95.2	95.5	95
		<b>3 3</b> € 3	1 / <b>1 1</b>	3,10	U 7 6 f	7 C • 1	, J .	2 <b>च €</b> ₩	/ / • C		
GF	500	63.7	79.5	35.6	90.2	93.7	94.5	95.1	97.1	97.5	97
GE	400	63.7	79.5	95.5	90.3	93.8	94.5	95.6	97.S	98.5	<b>3</b> 3
GF	300	53.7	79.5	85.5	90.3	93.3	95.1	97.2	93.7		777
GE	200	63.7	79.5	85.5	90.3	93.9	95.1	97.2	98.7		99.
GE	100	63.7	79.5	85.6	90.3	93.8	95.1	97.2	98.7	99.5	30.

90.3 93.8

GE 000 63.7 79.5 35.6

### DE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

) A=B	LA		الشعورات مرين مومون المحالا المشاعد	PERIOD MONTH:		JRD: NO HOURS: 1		JCT 33			
191LI	TY IN	STATUTE	MILES	• • • • • •			• • • • • •		••••	•••••	-
35	: ;; <u>;</u>		GE	GE	ĞÉ	ĞE	GE	ĞΕ	GE	T GE	
1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/9	1/4	0	
• • • • •	• • • • •	• • • • • • •	• • • • • •			• • • • • •		• • • • • •	• • • • • •	• • • • •	
5.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	
2.3	52.8	52.8	52.3	52.8	52.8	52.8	52.3	52.8	52.8	52.3	
3.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.3	53.8	53.8	
3.5	53.8	53.8	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	
4.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
5 <b>.7</b>	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55 <b>.7</b>	55.7	55.7	
3.3	53.3	53.3	58.3	58.3	58.3	58.3	53.3	53.3	55.3	58.3	-
3.5	53.5	58.6	58.5	58.5	58.6	58.6	53.6	58.6	58.6	58.6	
15.2	50.2	50.2	50.2	50.2	60.2	60.2	63.2	50.2	60.2	60.2	-
.1.4	51.4	61.4	61.4	61.4	51.4	51.4	61.4	61.4	51.4	61.4	
,2.3	52.3	52.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
3.3	63.3	53.3	63.3	63.3	53.3	53.3	53.3	63.3	63.3	63.3	
5.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.მ	
งรี. วี	63.5	59.5	53.5	63.5	58.5	63.5	68.5	53.5	65.5	63.5	<del></del>
9.7	59.7	69.7	69.7	69.7	59.7	69.7	69.7	69.7	69.7	69.7	
72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
75.3	75.3	75.5	76.5	76.5	76.5	76.5	75.5	76.5	75.5	76.5	
15.9	73.9	79.0	79.0	79.3	79.0	79.0	79.0	79.0	79.0	79.0	
79.3	79.3	79.9	79.9	79.9	79.9	79.9	79.9	77.9	79.9	79.9	
34.4	34.5	84.7	34.7	84.7	94.7	84.7	84.7	84.7	84.7	34.7	
36.3	H7.3	87.4	37.4	87.4	37.4	87.4	57.4	97.4	97.4	87.4	
3.1	89.0	39.1	39.2	39.2	89.2	39.2	99.2	99.2	89.2	89.2	
39.2	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
70.4	91.5	21.7	91.9	91.9	91.9	91.9	91.9		91.9		
11.6	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
13.3	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
94.5	95•I	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	••
94.5	95.6	97.8	98.5	98.5	98.6	98.6	94.6	98.5	93.6	98.6	
75.1	97.2	98.7	99.5	99.5	99.5	99.6	99.6	99.5	99.6	99.6	
25.1	97.2	98.7	99.5	99.5	99.7	99.8	99.9	99.9	99.9	99.9	
15.I	97.2	98.7	99.5	79.5	99.7	99.8	99.9	99.9	150.0	100.0	
5.I	97.2			99.5			99.9				
	• • • • •					• • • • • •	• • • • • • •	• • • • • •		• • • • • .	

}

1

				ION "A" ILLE NO		· · · · · · · · · · · · · · · · · ·	PERCEI	NTAGE FR		Y OF OCC HOURLY		
	STA	TION N	IJM3E₹:	747540		AAN NCIT		LAND AFB	LA			PERI MONT
	 (E1	LING	• • • • • •		• • • • • •	• • • • • •		1111111	TY IN	STATUTE	MILES	• • • • • •
		N	SE	GE	GÉ	GE	GE	GE	GE	GE	GE	3.7
		ET	7	6	5	4	3		2		1 1/4	
-												
	ОN	CEIL	39.8	45.3	46.2	46.3	46.6	46.6	45.6	46.5	46.6	45.
	SE	20000	45.0	52.7	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1
		19000	45.5	53.3	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54
		15000	46.5	53.3	54.4	54.5	54.7				54.7	54.
		14000	47.6	54.4	55.5	55.6	55.8	55.8	55.3	55.8	55.3	55.
		12000	43.3	55.7	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.!
	GE	10000	51.9	59.0	50.1	50.2	60.4	50.4	60.4	50.4	50.4	50.4
	GE	3000	52.7	50.1	61.2	61.3	61.5	51.5	61.5	61.5	51.5	51.5
	GE	9000	53.3	51.9	63.0	53.1	53.4	53.4	53.4	53.4	63.4	53.
	GE	7000	54.2	52.8	64.0	64.2	64.5	64.5	54.5		64.5	64.
	GE	6000	54.7	53.4	54.5	64.8	65.2	55.2	55.2		55.2	65.
	GE	5000	55.7	64.8	66.0	65.2	65.6	66.5	65.6	55.6	65.5	65.5
	35	4500	57.1	65.3	57.7	58.0	63.4	58.4	53.4	58.4	55.4	55.4
	SĒ	4000	51.2	70.9	72.5	72.7	73.2	73.2	73.2		73.2	<b>73.</b> ?
	GE	3500	52.4	72.2	73.9	74.1	74.8	74.9	74.9		74.9	74.7
	GE	3000	65.1	75.2	77.5	77.7	78.6	78.7	73.7	78.7	78.7	79.
	GE	2500	65.5	77.0	79.3	80.0	31.0	51.2	31.2	31.2	31.2	31.0
	GΞ	2000	66.3	78.2	31.4	81.7	82.7	33.1	33.4	93.5	33.5	33.5
-	GE	1800	66.8	78.2	31.4	81.7	82.7	33.1	83.7	33.8	33.8	₹3.
	GE	1500	63.0	79.5	82.8	83.3	84.7	85.2	85.7		85.1	20.1
	SE	1200	68.4	80.5	84.4	85.3	36.7	97.1	97.5	38.1	85.I	98.1
	GE	1000	69.5	31.9	85.3	37.1	89.2	89.7	90.4	71.0	21.5	<b>31.</b> 0
	GΕ	900	69.5	32.0	35.9	37.2	89.4	89.8	90.8	91.3	91.3	91.4
	3E	300	59. न	32.5	36.3	38.1	90.3	90.9	92.0	72.7	72.7	72.3
	GE	700	59.8	32.5	86.7	33.7	91.1	91.7	92.9	93.7	93.8	93.4
	GE	600	59.9	32.7	86.9	89.2	91,9	92.6	94.1	95.1	95.3	95.4
	ĞE	500	69.7	32.8	37.2	39.3	92.9	93.5	93.6	97.2	97.4	97.~
	SE	400	69.9	82.8	87.2	89.8	92.9	93.5	95.8	78.1	98.4	99.1
-	SE	300	69.9	92.8	87.2		93.1	93.8	95.0		93.7	99.5
	GE	200	69.9	82.8	87.2	89.8	93.1	93.8	96.0	98.4	98.8	99.5
	GE	100	69.9	<b>32.</b> 8	87.2	89.8	93.1	93.8	96.0	98.4	98.8	94.5
	GE	000	69.9	82.8	37.2	89.8	93.1	93.8	95.0	98.4	93.8	99.5
	• • •		• • • • • •									

### REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

L 4			PERIOD MONTH:		ORD: NE HOURS: D		OCT 88				
		* * * * * * *	• • • • • •				• • • • • •	• • • • • •	•••••		
	STATUTE GE				·	GE	GE	GE	GE .		
3E		GE		GE	GE 5/2	1/2	3/3	1/4	9 E		
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/3		<del></del>		
• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • • •		
45.5	46.5	46.6	46.5	46.5	46.6	45.5	46.5	46.5	46.6		
. , , ,			, , ,	.,,,,	. 5		, , ,				
54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1		
54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7		
54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	<del></del>	
55.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8		
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	•	
						1 = 12- 1	د و د لومونسد	2 10	e e e		
50.4	50.4	60.4	50.4	60.4	50.4	60.4	60.4	60.4	60.4		
61.5	61.5	61.5	61.5	61.5	51.5	61.5	61.5	61.5	61.5		
53.4	53.4	63.4	63.4	53.4	63.4		63.4	63.4	63.4		
54.5	54.5	64.5	54.5	54.5	64.5	64.5	64.5	64.5	54.5		
55.2	55.2	65.2	65.2	55.2	65.2	65.2	65.2	55.2	65.2		
65.5	55.6	66.5	66.5	56.6	66.6	66.6	66.6	66.5	65.6		
53.4	59.4	58.4	55.4	55.4	58.4	53.4	65.4	65.4	55.4		
73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2		
74.9		74.9	74.9	74.9	74.9	74.9	74.9				
73.7	78.7	78.7	79.7	73.7	78.7	79.7	78.7	78.7	78.7		
• • •			,				1.541	, 0, ,			
91.2	31.2	31.2	31.2	31.2	31.2	91.2	81.2	51.2	31.2		
33.4	33.5	33.5	33.5	83.5	83.5	83.5	83.5	83.5	83.5		
53.7	33.8	83.8	33.3	33.3	83.8	83.8	83.3	53.8	83.5		
85.7	36.1	86.1	86.1	86.1	86.1	86.1	86.1	36.1	36.1		
97.5	38.1	83.I	88.1	88.1	98.1	99.1	88.1	38.1	88.1		
<b>.</b> .	o de anterior			and the state of t			and the second second		a :	-	
00.4	71.0	71.5	71.0	91.0	91.0		91.0	91.0	91.0		
93.8	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5		
92.5	92.7	72.7 93.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9		
92.9	93.7 95.1	95.3	93.9	95.5	94.0	94.0 95.5	94.0	94.0	94.0 95.5		
94.1	77 • 1	77.5	77 • 4	<b>7</b> 2•3	77.7	77.7	77.7	ソフ・フ	77.7		
93.6	97.2	97.4		98.0	98.0	98.0	- 98.5	98-0	98.5		
	98.1	98.4	99.1	99.2	99.2	99.2	99.2		99.2		
75.0	93.4	93.7	99.5	99.6	99.6	99.6	99.5				
		99.8	99.6	99.7	99.8	99.9			100.0		
	98.4	98.8	99.6	99.7	99.8	99.9	100.5	100.0	100.0		
95.0	98.4	98.8	99.5	99.7	99.8	99.9	100.0	100.0	100.0		-

91.3

91.4

91.4

94.2

94.3

94.3

95.2

95.3

95.3

95.8

95.9

95.9

TOTAL NUMBER OF OBSERVATIONS 930

34.2

84.2

34.2

87.5 87.5

37.6

76.6

76.5

76.5

GE

GE

33

1

200

100

000

98.1

98.2

98.2

9%

94

98.3

93.4

98.4

## FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESCRIPTIONS

FBLA

Y IN : SE	STATUTE GE	MILES GE	ĞĒ	ĞË	GE	ĞΕ	GE	SE	GE
2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	ว
	• • • • • • •	•••••	•••••	• • • • • • •			• • • • •	• • • • • •	• • • • •
2.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
58 <b>.</b> 3	58.8	58.3	53.3	58.8	53.8	58.8	58∙3	58.8	58.ื่∃
53.9	53.9	53.9	58.9	58.9	58.9	58.9	53.9	53.9	53.9
59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
59.9	59.8	59.8	59. R	57.8	59.8	59.8	59.8	59.8	59.8
51.4	51.4	51.4	51.4	61.4	61.4	61.4	51.4	51.4	61.4
55.4	55.4	65.4	55.4	65.4	65.4	65.4	65.4	55.4	65.4
55.3	6 <b>5</b> •8	65.8	65.8	65.3	55.8	55.8	65.8	65.8	65.8
57.2	57.2	57.2	57.2	67.2	67.2	67.2	67.2	67.2	67.2
57.5	<b>57.</b> 5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
53.1	58.1	58 · 1	53 <b>.</b> 1	58.1	58.1	68.1	58.1	68.1	63.1
59.2	59.2	59.2	59.2	59.2	69.2	69.2	59.2	69.2	69.2
70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
74.9	74.9	74.9	74.9			74.9	74.9	74.9	
73.3	73.0	78.0	78.0	78.0	78.0	78.0	78.0	73.0	73.0
30.2	30.2		90.2	80.2	30.2	80.2			80.2
3.4	33.4	33.4	83.4	83.4	83.4	83.4		83.4	33.4
4.)	34.0	34.0	34.0	84.0	84.0		84.0		84.0
36.1	36.2	86.2	86.2	86.2	36.2	86.2	86.2	3342	
7.1	37.2	37.2	87.2	87.2	87.2	87.2	37.2	87.2	87.2
39.4	39.5	39.5	39.5	89.5		89.5	89.5	89.5	87.5
90.1	90.3	90.3	90.3	90.3		90.3	90.3	90.3	90.3
71.1	91.3	71.3	91.3	91.3	91.3			_	
92.3	93.0		93.0	93.0	93.0		93.0		
93.9	34.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
75.2	96.0	76.2	96.5	96.7	96.7	96.7			
96.0	97.2	97.4	98.0	98.2	98.2	93.2		98.2	98.2
76.3	93.0	93.2	98.7	99.0	99.0			99.0	99.0
95.3	98.1	98.3	93.9	-	99.2	99.2		99.6	99.5
95.9	98.2	99.4	99.0	99.6	99.5	99.6	99.7	100.0	100.3
95.9	98.2	98.4	99.0	99.6	99.6	99.6	99.7	100.0	100.0

PERIOD OF RECORD: NOV 73 - OCT 33

# PERCENTAGE FREQUENCY OF OCCURRENCT OF THE PARTITURE FROM HUPEY DISSERVATION

STATION	⊩ÑJMRÉ≷:	747540	LST	TO UTC	+ 6	LAND AFE	3 <u>L'Ā</u>	** ** **		P트립턴 MCNT
CEILING	••••••••••••••••••••••••••••••••••••••	• • • • • • •	• • • • • •	• • • • • •		VISIBILI	TV IN	 Statute	MILES	• • • • • • • •
IN	, GE	GΕ	GE	GE	GE	GE	S長	SE	71 E 5	5
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	3
			<u> </u>			5.4.5.		** _ 5	1 1/ 7	
2										
NO CEIL	49.9	50.9	51.7	52.2	52.6	52.7	52.3	52.8	52.9	5).
GF 2000	52.1	54.8	35.0	56.5	55.9	57.0	57.1	57.1	57.1	57.
GE 1300	52.7	54.5	55.0	56.5	56.9	57.0	57.1	57.1	57.1	37.
GE 1500	6 53.1	55.1	55.2	56.7	57.1	57.2	57.3	57.3	57.3	57.
GE 1400	0 53.5	55.5	56.7	57.1	57.5	57.5	57.7	57.7	57.7	57.
GE 1200	00 54.0	55.9	57.2	57.6	53.1	58.2	50.3	58.3	58.3	50.
GF 1000	56.5	55.5	60.3	50.9	51.3	61.4	51.5	51.5	51.5	51.
9E 300	0 56.5	58.5	50.4	51.9	61.5	51.5	51.7	51.7	51.7	51.1
SE 800	57.5	59.8	61.7	52.4	52.9	63.0	53.1	53.1	53.1	53.1
GE <b>7</b> 00	57.7	50.0	61.9	62.5	53.1	63.2	63.3	63.3	53	63.
GE 600	00 53.0	50.3	62.3	63.1	53.7	<b>53.</b> 8	53.9	53.9	63.9	63 <b>.</b> i
SE 500	59.2	61.5	63.5	54.4	54.9	55.1	55.2	55.2	55 <b>.</b> 2	55.
<b>35 45</b> 0	10 50.4	52.3	54.7	55.5	65.1	56.2	65.3	56.3	55.3	55.3
9F 400	53.4	55.1	53.2	59.5	53.5	59.7	57.3	39.8	59.3	50.
GE 350	0 54.3	57.1	69.1	70.1	70.6	70.4	73.9	70.9	70.9	70.
GE 300	13 55.3	53.5	70.9	71.9	72.5	72.5	72.7	72.7	72.7	72.1
38 250		71.2	73.7	74.9	75.7	75. ક	75.9	75.9	75.3	73.
3E 200		73.3	75.9	77.2	73.1	75.2	73.3	73.4	75.4	15.4
GE I ª O		74.2	76.3	78.1	73.9	79.0	77. I	77.2	79.2	70.3
GE 150		<b>7</b> 9.5	81.5	83.0	83.9	94.0	°4.2	84.3	34.3	1.4.
GE 120	0 75.2	79.4	82.5	94.2	25.1	95.2	95.4	95.5	85.5	05.1
GE 100	00 75.5	79.3	33.2	34.8	95 <b>.7</b>	85.8	85.0	35.1	35.1	15.3
GE 90		30.9	35•2 34•2	37.3	85.8	85.9	37.1	37.2	37.2	7.3
GE 30		1.5	25.5	37.2	99.3	98.6	73.9	39.0	A).0	7,0.7
65 70		92.2	36.1	38.4	39.8	90.2	90.5	70.8	90.3	án.
GE 50		32.7	86.9	89.5	91.2	91.6	92.4	92.5	92.5	92.
0 50		32 • F	39 • 7	11767	11.2	71.0	7 L • T	/ <b></b> • /	/ C . ,	/
GF 50	0 78.1	33.0	37.4	90.2	92.4	92.8	94.0	94.6	34.5	<b>35.</b> 3
GE 40		33.1	37.5	90.4	93.1	93.7		75.9	95.9	35.
GE 30		33.2	37.5	90.6	93.4	94.1	95.4	73.5	96.8	27.
GE 20		83.2	87.6		93.4	94.1		96.7		97.
GE 10		33.2	87.6	90.6	93.4		95.7		97.2	03
			• -		·	,	-	•		
SE 00	0 78.2	93.2	<b>೮7.5</b>	70.5	93.4	34.1	95.7	95.8	97.2	33.T
• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •				• • • • • • • • • • • • • • • • • • • •	• • • • •

E FREIDENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOUSELY DISCRYATIONS

) 453	LA			MONTH:	DEC	สวบสระ :	21-23	36F 73C		
;2 172	37.	STATUTE GE 1 1/2	MILES 55 1 1/4	GE 1	3/4	65 5 <b>/</b> 3	6ř 1/2	6E 3/8	υ <u>Ε</u> 1/4	3 E
? <b>.</b> 7	52.3	52.8	52.9	52.3	52.8	52.3	52.9	52.9	53.0	53.0
7.3 7.3 7.2 7.5 3.2	57.1 57.1 57.3 57.7 55.3	57.1 57.1 57.3 57.7 58.3	57.1 57.1 57.3 57.7 58.3	57.1 57.1 57.3 57.7 58.3	57.1 57.1 57.3 57.7 59.3	57.1 57.1 57.3 57.7 59.3	57.2 57.2 57.4 57.8 53.4	57.2 57.2 57.4 57.8 58.4	57.3 57.3 57.5 58.0 58.5	57.3 57.3 57.5 58.3 58.5
1.4 1.5 3.0 3.2 3.2	51.5 51.7 53.1 63.3 53.2	51.5 51.7 53.1 63.3 53.9	51.5 51.7 53.1 53.3 63.9	51.5 51.7 53.1 63.3 63.9	51.5 61.7 63.1 63.3 53.9	61.5 51.7 63.1 63.3 53.9	51.6 61.8 63.2 53.4 64.0	51.5 51.3 53.2 63.4 54.0	51.7 61.9 63.3 53.5 64.1	61.7 61.9 63.3 63.5
5.1 5.2 7.7 7.4 2.5	55.2 55.3 55.3 75.9 72.7	55.2 50.3 59.8 70.9 72.7	55.2 55.3 59.3 70.9 72.7	65.2 65.3 69.5 70.9 72.7	55.2 55.3 59.3 70.9 72.7	55.2 56.3 59.6 70.9 72.7	65.3 56.5 69.9 71.0 72.8	55.3 56.5 57.9 71.0 72.8	65.4 55.6 70.0 71.1 72.9	65.4 66.5 70.3 71.1 72.9
5.2 5.3 4.0 5.2	70.9 70.3 79.1 54.2 53.4	75.9 74.4 77.2 84.3	75.4 75.4 77.2 34.3 85.5	75.9 75.4 79.2 24.3 25.5	75.9 75.4 79.2 84.3 65.6	75.9 79.4 79.2 34.3 35.5	76.0 73.5 79.4 84.4 85.6	76.0 73.5 79.4 34.4 35.6	76.1 75.6 79.5 84.5 25.7	76.1 75.6 79.5 84.5 35.7
3.5 5.3 5.6 5.2 1.5	77.1 77.1 70.5 72.4	34.1 37.2 39.9 70.8 92.5	35.1 37.2 47.0 90.3 92.5	35.1 57.2 59.0 90.9 92.5	35.1 37.2 29.0 90.9 32.5	36.1 37.2 39.0 90.7 92.6	20.2 97.3 89.1 91.0 92.3	46.2 37.3 49.1 41.0 92.8	57.4 99.2 91.1 92.9	86.3 87.4 89.2 71.1 92.9
3.7 4.1 4.1 4.1		75.9 76.5 75.7	96.5 97.1	35.7 <b>77.</b> 5 97.3	95.3 95.6 97.7 95.1 93.3	96.3 9 <b>7.7</b> 93.2	97.1 93.2 93.7	95.6 97.1 98.2 93.7 99.0	97.2 99.3 99.1	98.3 90.4
		, , , , , , , , , , , , , , , , , , ,								

### PERCENTAGE FREQUENCY OF OCCURRENCE OF OF FRUM HOURLY DISSERVATIONS

		• • • • • •	• • • • • • •	• • • • •	• • • • • •	· + 6		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*****	HIMUM:
	LING	g <i>≓</i>	3 E	SE	SF		VISIBILI				
_	N ET	5- 7	35 5	5E 5	5 F 4	3E 3	G3 2 1/2	3 <i>∃</i> 2	- 5ξ 1 1/2	1 1/4	ن. ا
			• • • • • • •		· · · · · · · ·				1 1/2	1 1/7	l ••••••
10	CEIL	39.6	43.6	45.2	46.2	47.0	47.1	47.4	47.5	47.5	47.7
	20000	42.9	47.4	49.5	50.5	51.4	51.5	51.7	51.9	52.0	52.1
	18000	43.1	47.3	49.9	50.9	51.7	51.3	52.1	52.3	52.3	52.4
	15000	43.2	47.3	49.9	50.9	51.8	51.3	52.1	52.3	52.4	52.9
	14000	43.7	48.4	50.4	51.5	52.3	52.4	52.7	52.8	52.9	53.0
5E	12000	44.4	49.2	51.3	52.3	53.2	53.2	53.5	53.7	53.€	53.1
	10000	45.5	51.5	54.0	55.1	55.0	56.0	55.4	55.5	50.0	₹5.7
39	9000	45.3	52.1	54.1	55.4	55.4	56.4	55.7	55.9	57.0	57.1
,	3000	43.1	53.5	55.0	57.2	53.1	58.2	53.5	53 <b>.7</b>	53.7	33.9
ìΕ	7000	49.4	54.1	56.5	57.3	58.7	59.9	59.1	59.3	59.3	59.5
Ę	6000	49.0	54.3	57.3	58.5	59.4	59.5	59.8	50.1	50.1	50•2
<b>;</b> E	3000	50.5	50.5	59.0	50.3	61.2	51.3	51.5	61.3	61.7	52
) ĉ	4500	51.7	57.7	50.4	51.7	52 • B	52 <b>.</b> 3	53.2	53.4	63.5	53.5
; =	4000	54.3	50.9	53,3	55.2	55.4	55.4	65.3	57.1	57.1	57.2
Ę	3500	55.1	51.5	6 <b>4.</b> 3	66.3	67.5	57.5	57.9	63.2	5°•3	54.4
ξĒ	3000	56.7	53.7	67.0	68.7	50.3	70.0	70.3	70.7	70.7	70.0
; -	2500	50.1	55 <b>.</b> 5	69.1	70.5	72.2	72.4	72.7	73.1	73.1	73.
; =	5000	57.5	57.4	71.2	73.)	74.5	74.7	75.1	75.5	75.5	75.3
;=	1800	20° à	<b>57.</b> 3	71.7	73.5	75.1	75.3	75.7	76.1	75.2	75.3
, =	1500	52.2	70.5	74.7	77.1	73.9	79.1	79.7	40.1	30.2	50.3
;E	1200	53.2	72.0	75.5	77.1	31.1	31.3	52.0	32.5	32.5	92.7
, t.	1000	54.1	73.3	77.)	30.7	93.0	93.3	3+.1	34.0	34.7	14.7
;=	200	54.5	73.7	78.5	31.5	34.0	34.3	35.2	35.7	<b>35.</b> €	45.
5 =	50)	65.2	74.4	79.7	32.3	85.4	85.3	35.3	37.5	37. c	י .7י
Ę	<b>7</b> 00	65.5	7>∙≎	20.5	84.0	30.9	₹7.5	93. म	39.5	97.	डुव.व
, (	600	65.6	75.4	a1.1	45.0	37.2	88.8	90.4	91.2	71.4	71.7
; [	500	55.3		31.5					93.4		94.1
<b>;</b> E	400	65.3		31.9			91.0	93.3			75.
ř	300	55 • R	75.9	32.0	35.4		91.3	53.5	75.6		37.0
F	200	55.3		32.0	36.4		91.4	94.7	95.3		97.3
55	100	55 • <sup>3</sup>	75.9	92.7	35.4	90.6	91.4	94.3	95.3	95.4	27.4
$\epsilon$	930	55. "	75.9	٠,٠)	45.4	70.6	91.4	44.3	95.5	15.4	77.→

TOTAL NUMBER OF THIS PRATIDING 7440

# E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DISCRIVATIONS

<b>4</b> ≐3	LA					JRD: NO		OCT 88			
	• • • • •				• • • • • •		- • • • • • • •			• • • • •	
BILI		STATUTE							0.5		
	ઉક્	SE							SE	SE	
1/2	2		1 1/4	1	3/4	5/3	1/2	_ 3/5	1/4		
• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	
• 1	47.4	47.5	47.5	47.7	47.9	<b>47.</b> 8	47.9	48.0	48.2	48.3	
• 5	51.7	51.9	52.0	52.1	52.2	52.2	52.4	52.4	52.7	52∙ઙ	
• 3	52.1	52.3	52.3	52.4	52.5	52.5	52.7	52.7	53.0	53.1	
• 3	52.1	52.3	52.4	52.5	52.5	52.6	52.7	52.8	53.1	53.2	
1.4	52 <b>.7</b>	52.8	52.9	53.0	53.1	53.1	53.3				
3.2	53.5	53.7	53.8	53.9	54.0	54.0	54.2	54.2	54.5	54.6	
· • 3	55.4	56.5	56.5	56.7	55.3	56.8	57.0	57.0	57.3	57.4	
, 4	55.7	55.9	57.0	57.1	57.2	57.2	57.4	57.4	57.7	57.3	
3.2	54.5	53.7				59.0		59.2	59.4	57.5	
१ <b>,</b> व	59.1	59.3	59.3	59.5	59.6	59.6	59.7	59.8	50.1	60.2	
1.5	59.8	50.1	50.1	60.2	60.3	60.3	50.5	50.5	50.5	50.9	
3	51.5	61.3	61.9	52.0	52.1	62.1	62.3	52.3	02.6	62.7	
2.3	53.2	53.4	63.5	53.5	53.3	63.8	53.9	54.0	54.2		
) • ÷	55.3	37.1	57.1	57.3	67.4	67.4	67.5				
7.5	57.9	63.2	68.3	53.4	63.5	58.5	58.7	68.7	69.0	69.2	
0.0	70.3	70.7	70.7	70.9	71.0	71.0	71.2	71.2	71.5	71.6	
2 . 4	72.7	73.1	73.1	73.3	73.4	73.4	73.6	73.6	73.9	74.1	
• • 7	75.1	75.6	75.6	75.3	75.9	75.9	76.1	76.1	76.4	75.5	
5 • 3	75.7	75.1	75.2	75.3	76.5		76.7	75.7	77.5	77.1	
₹ <b>.</b> 1	79.7	30.1	30.2	30.3	30.5	90.5	90.7	30.7			
1.3	52.0	32.5	32.5	92.7	92.9	32.9	33.1	83.1	33.4	83.5	
			_					3.7. 5			
3.3	34.1	34.0	44.7	94.9		95.0	85.2	35.3	35.5	35.7	
• • 3	35.2	35.7	35.8	35.0	85.2	36.2	36.4	35.4	35.7	35.9	
3	95.9	37.5			38.0	88.0					
7.5	F 3 . 4	39.5					90.2				
ਜੈ•ਲ	90.4	91.2	91.4	91.7	91.9	91.9	92.1	92.1	92.4	92.6	
1 . ا	92.2	93.4	93.7	74.1	94.4	94.4	94.6	94.5	94.9	95.1	
L• 0	93.3	94.9	30.3	95.0	95.3	15.3	95.5	96.6	46.9	97.0	
. 3	93. 1	75.6	75.1	77.J	97.4	97.4	97.7	97.7	95.I	95.2	<del>-</del>
. 4	94.1	95.3	95.3	97.3	97.3	97.9	93.2	98.4	28.3	99.1	
l • 4	24.3	5.A	95.4	97.4	98.0	98.0	99.5	93.5	99.3	99.7	
l • 4	14.3	95.8	95.4	97.4	98.0	98.1	98.5	98.7	99.4	100.0	
• • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • •	

### PERCENTAGE FREQUENCY OF OCCURRENCE OF NCITAVASSEC YJRUCH MURF

STATION NUMBER:		LST	TO UTC	+ 6					PERT MINT
6574.446	• • • • • • • •	• • • • • •	• • • • • • •						• • • • • ]
CEILING	^ <b>=</b>		0.5		AISIBILI				<u>.</u> .
IN GE						GE 2	GE	GE.	0.5
FEET 7	5	5	4	3			1 1/2		1
• • • • • • • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
NO CEIL 40.3	48.7	52.3	54.1	55.4	55.6	55.0	56.3	56.3	54.
GE 20000 45.8	55.1	59.1	61.2	62.6	62.3	53.3	63.5	53.5	63.
GE 13000 45.9	55.2	59.3	51.4	62.3	53.0	63.5	53.7	53.5	,4
GE 15000 45.0	55.3	59.4	61.5	52.8	53.1	53.5	53.8	53.3	54.
GE 14000 46.2	55.7	59.3	51.9	63.2	53.5	54.0	54.2	54.3	*) <b>→</b> •
GE 12000 47.1	56.7	61.0	63.2	54.5	64.9	65.3	55.5	65.6	59.
02 12 700 1711	, , ,			3,03		, , ,	(3.5 <b>(</b> )	,,,,,,	•
6d 10000 48.9	59.1	63.7	66.0	67.5	67.8	53.3	58.5	63.6	50.
GE 9000 49.3	59 <b>.7</b>	64.2	56.6	63.1	68.4	53.3	59.2	54.2	57.
GE 8000 50.7	51.7	55.4	53.9	70.5	70.3	71.4	71.5	71.7	71.
Sa 7000 51.1	62.2	67.0	59.5	71.1	71.5	72.0	72.3	12.3	72.
SE 5000 51.4	52.6	57•5	70.0	71.7	72.0	72.5	72.8	72.3	73.
0.2 0.000 0.200	36.00	5,45	, 5 • 5			, , ,		, _ •	
SE 5000 52.1	53.4	03.4	71.1	72.7	73.1	73.6	73.9	73.9	74.
GC 4500 52.7	64.1	59.2	71.7	73.6	73.9	74.5	74.3	74.5	75, . :
36 4000 54.2	50.1	71.5	74.3	76.1	76.5	77.1	77.3	77.4	77.
GL 3500 55.0	67.2	72.7	75.6	77.5	77.9	70.5	78.5	78.9	79.
UL 3000 36.3	67.1	74.9	78.0	79.9	80.4	41.0	31.3	81.4	1
						- • -		, , ,	
JI 2500 57.4	70.5	75.6	79.8	51.9	32.3	83.0	93.3	33.4	
SL 2007 58.4	71.9	78.2	81.5	83.7	84.2	84.9	გ5∙2	35.3	85.
60 1800 54.7	72.3	78.5	82.5	84.2	34.7	65.4	85.7	35.8	~ 5 <b>.</b> .
01 1500 Sh.3	73.7	30.5	54.2	35.5	87.1	۶7•9	ರಿಕ•3	80.3	÷ •
01 1200 50 <b>.</b> 3	74.8	21.7	85.6	08.1	S <b>5.7</b>	39.5	49.9	90.0	90.
	_		_						
6 1,00 60.8	75.4	82 · s	36.7	99.5	90.0	91.0	71.4	91.5	71.
900 01.0	75.7	:3.0	7.2	90.1	99.7	71.7	92.1	92.2	92.4
500 stol 01.2	76.1	53. A	. · · · ·	91.1	91.7	92.8	43.3	73.4	93.
70 61.4	75.4	54 · i	5E • 5	92.0	92.7	94.0	94.5	94.6	177.
500 01.4	75.5	14 • 3	37.0	92.5	93.4	94.7	95.4	15.5	<b>,</b>
<b>L</b>	7. "	٠, .	. 0 .	കമ 1	65 A 1	<b></b> .	14 /	.16. 6	~ ~
500 51.5 600 11.5		54.5	∆9.4 30.7	73.2	74.1	95.5 26.3	46.4	95.5	77.
450 01.5	76.7	24.7	₹9.7	93.5	04.4	26.2	77.1	47.3	77.4
3 10 61.5	79.0	64.1	:9.7	93.7	94.6	95.4	17.4		( - )
200 (1.5)	70.0	4.7	79 <b>.7</b>	13.7	14.5	75 • ÷	17.5		4
37 130 31.3	70.0	-4.7	39.7	93.7	74.7	35 + <u>E</u>	77.5	+7-5	٠
32 363 11.5					44.7				'/·

TOTAL NUMBER OF COSESVATIONS: 57656

### FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

B LA					ORD: NO URS: ALI		JCT 98			
* * * * * * * * * * * * * * * * * * *	• • • • • • • • • • • • • • • • • • •	 	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	
SE	STATUTE Ge	GE 3	GË	ĠE	GE	GÉ	ĞE	GE	GE	
2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	3	
						• • • • • •	• • • • • •	• • • • • •	•••••	
		<b>.</b>			<b></b> .	,-, <u>-</u>	- · -	-		
55.0	56.3	56.3	55.5	55.6	56.6	56.7	56.7	56.8	56.9	
53.3	53.5	53.5	63.8	53.9	63.9	64.0	64.0	54.1	54.2	
63.5	53.7	53.8	54.0	54.1	64.1	54.2	64.2	54.3	64.4	
53.5	53.8	53.8	54.0	54.1	64.1	64.3	54.3	54.4	64.4	
54.0	54.2	54.3	54.4		64.5			54.5	64.9	
65.3	55.5	65.6	65.8		65.9		65.1	66.2	66.2	
53 <b>.</b> 3	<b>58.</b> 5	63.6	63.3	63.9	68.9	69.0	69.0	69.1	59.2	
52.3	59.2	59.2	69.4	59.5	59.5	69.7	69.7	69.3	69.8	
71.4	71.5	71.7	71.9		72.0	72.1	72.1	72.2	72.3	
72.0	72.3	72.3	72.5		72.7	72.3				
	72.8	72.3	73.1		73.2					
72.5	12.5	12.5	1341	13.2	13.6	73.3	(3.5	73.4	73.5	
73.6	73.9	73.9	74.1	74.3	74.3	74.4		74.5	74.5	
74.5	74.8	74.₫	75.0	75.1	75.2	75.3	75.3	75.4	75.5	
77.1	77.3	77.4	77.6	77.7	77.7	77.9	77.9	78.0	78.0	
70.5	7d.8	73.7	79.1	79.2	79.2	79.3	79.3	74.4	79.5	
⊲1.0	31 • 3	81.4	81.6	81.7	81.7	81.9	81.9	32.0	92.1	
-3.0	A3.3	93.4	63.6	83.7	83.7	83.9	83.9	34.0	94.1	
გ4. ა	±5•2	35.3	85.5	85.7	85.7	85.8	85.8	85.9	56.0	
07.4 07.4	35.7	35.8	86.0	86.2	36.2	86.3	36.3	56.4	55.5	
27.7	ნძ <b>•3</b>	83.3	38.6	68.7	o∂•2	50.9 55.9	98.9	±9.0	59.1	
39.5	19.9	90.0	90.3	90.4	90.4	90•3	90.5	70.7	90.7	
	.,.,	70.0	, , ,	70.4	70.4	4(1 ♣ €	90 € 3	70.1	70 • 7	
71.0	71.4	91.5	91.0	91.9	91.9	92.1	92.1	12.2	92.3	
91.7	92.1	92.2	92.5	92.7	92.7	92.9	42.3	42.9	93.0	
42.0	43.3	73.4	43.4	93.9	93.9	94.0	94.1	74.2	44.2	
14.	14.5	94.6	95.0	95.1	95.1	95.3	95.3		95.5	
7-1 + 7	95.4	15.5	45.9	96.0	95.1	45.2	96.2	40.3	76.4	
نم ئور	16.4	96.5	9 <b>7</b> 0	<b>37</b> 3	97.2	a <b>7</b> (	97.4	C7 E	97.6	
		97.3		71 • 6 Gw 6	00 0					
_	77.1			75.0	98.0	95•Z	98.2 58.3	- 78•5 - 7.500	75 • <del>9</del>	
35.4	17.4	77.5	15.2	98.5	92.6	93.c	7.	1	77.1	
99.4		7.7	97,54	98 • 1	95.8 38.8	99.1	99.1			
,2+2	77.5	1/.5	73.4	1100	70 x 25	99.2	99.3	シチャコ	1107	
70.5	97.5	27.0	98.4	49.5	78.5	09.2	99.3	09.5	100.0	
				•			-		_	

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY CON FROM HOURLY DOSERVATIONS

STATION NU	MBE 2: 747	540 STATIO LST TO	N NAME: E		. <i>t</i> .		TTTE INTH:
HOURS (LST)	CLEAR	SCATTERED		AIRWAY CL	NSSES TÖTAL DBSCURATION	GT 1/2	 - - -
00-02	35.7	13.4	11.2	38.7	1.0	50.9	• • • • •
03-05	32.7	14.1	10.0	40.2	2.2	53.2	
05-08	19.3	20.5	14.9	40.6	3.9	59.5	-
39-11	13.4	23.5	20.5	39.8	2.6	63.0	į
12-14	11.3	27.7	20.3	39.5	• *>	51.0	
15-17	10.0	3.0 . 7	24.1	34.3		5 1	
18-20	15.5	11.5	17.0	35.6	.2.	52.8	Š
21-23	28.0	17.5	17.1	35.7	• 3.	92.5	
ALL HOURS	.i5.75	22.0	17.0	38.0	1.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
• • • • • • • • •	••••••	\ • • • • • • • • • • • • •	4 ,			M:	γ( <b>τ</b> 12
• • • • • • • • •			• > • • • • • •				
00-02	27.0	14.0	16.7	z <b>4.</b> 8	1.9	56,4	ł
0 <b>3-</b> 05	₹4 • 1	12.0	13.7	41.5	2.7	52.9	+
75±34	15.9	15.7	19.2	44.5	3.7	57.4	į
04-11	12.1	$\mathcal{LC}$ , $t$	23.6	41,3	2.1	57,3	į
12-14	10.5	64.5	27.4	7.7ر		55.1	}
15-17	10.0	24.5	29.3	Ja.0	• 1	65.5	Ì
10-20	12-1	78.9	21+1	×7,1	• •	$r_{i,j,k} = r_{i,j,k}$	į
21-21	29.6	17.0	13.5	30.4	1.3	52.5	
ALL HOURS	17.7	17.7	21,3	/å.5	176	<i>† 7 4</i>	

h - 4 - 1

AFR L	_ <b>A</b> 		RIDD OF RECORD  ONTH: JAN HOUR:		• UCT 68
	ASSES	• • • • • •		• • • • • • • • •	
4.5T	TOTAL JESCURATION	GT 1/2	PARTIAL DESCURATION	TOTAL OBS	
7	1.0	50.9	1.3	930	<u></u>
. 2	2.2	53.2	4.1	930	
• ó	3.9	59.5	υ·4	930	
. 8	2.0_	63.0	4.9	930	
.5	•6	51.0	1.8 .	. <b>33</b> 0	
•,3	• 0	50.1	1.0	930	rangen and an American land an annual and an annual and an annual and an annual and a second and a second and a
٠,6	• 2	52.8	• 6	930	
. 7	• 5,	53.5	1.1	930	
. 5 <sup></sup> :	1.0	55.0	2.0	7440	
		MO	NT4: FER HOUR	S: ALL	
• • • • d	1.9	58,4	3.3	849	
. <del>,</del> ,	2.7	52.9	4.4	349	
, >	3.7	57.4	5.2	843	Wilder of Millians, and the control of the control
3	2.1	57.3	9	549	
, 7		55.1	1.2	345	,
0			• 0		
ţ	w Pr		ь		
, 4	1.5	53.5	1.1	4.4.5,	

1.6 62.4 2.4 5702

### PERCENTAGE EREQUENCY DE OCCURRENCE DE SKY CU EROM HOURLY DESENVATIONS

		O STATIO LST TO	UTC: + 6	IGLAND AFB L		PE < f 3 9 MD 4 T (+ 1
		SCATTERED		ATRWAY CL/ OVERCAST		6T (1/2 (1/2)
00-02	37 , f	10.5	17.7	_25.6	3	45.7
03-05	30-2	17.0	15.5	31.5	1.3	49-1
() () = () ()	15.2	24.7	20.2	33.0	3.0	57.1
19-11	3425	25-2	25-7	32.7	ુ જ	50-2
12-14	12-4	30.4	26:0	31.2		57.2
15-17	10.5	29.7	31.0	2500		59.6
14-20	13.7	37.7	>6 . t	24.4		44 4
21-23	34,5	15.5	15,7	24 1	. •	3 + , 9
4U). 90045	21.0	26.6	$\mathcal{J}\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$	<u> </u>		: ::::::::::::::::::::::::::::::::::::
		• • • • • • • • • • •				м (19 <b>т</b> г.)
					, <u>-</u>	
Sunit	24,4	(ଜ ଜ	19.1	25/3	* E	4 5 7
, , - , -	3 T . E	71 · V	17.3	20.7	1.0	47.4
1. F. = 1. P.	. 7. 1	24 3	26.2	34.9	3 .	\$ 1, , 4
09-11	14.7	27.7	29.9	27.6	• 2	57.7
12-14	10.7	29.8	31.7	27.9		59.6
15-17	11.4	30.9	31.3	26.2	•1	57.7
18-20	17.6	32.2	26.3	23.9		50.2
21-23	33.2	23.0	18.6	25.2		43.8
ALL HÖURS	21.3	26.1	25.1	26.8	.8	52.7

AND AFB I	_ <del>\</del> \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		RIDD OF PECORO		- 301 %s
TRWAY CLA VERCAST	NSSES TOTAL DRSCURATION	GT 1/2	PARTIAL Osscupation	TOTAL G3S	
25 B	.3	43.9		930	
31.5	1.3	49-1	2.7	933	
33.0	3.5	57.1	4.5	93.	
2 . <b>7</b>	, <b>c</b> ,	50/2	1.6	93%	
31. Z		57.2		<u>.433</u>	
25.42		59.8	.1	930	
14 4		49.4	4	al v	
24 1	, t	30.0	, <b>c</b>	<b>⊙</b>	
SelG -	.77	52.5	•	744.	
• • • • • • •		M.1	TO ATH HOURS	•	
· • • • · • • • • • • • • • • • • • • •	·	45 7	• · · · · · · · · · · · · · · · · · · ·	30.	
20.7		47, 1	3.7	<b>30</b> .	
24.9	3 -	*1.J4	4 . d	<i>د</i> رو <sub>د ا</sub>	
27.6	•2	57.7	1.3	900	
27.9		59.6	•9	900	•
26.2	•1	57.7	1.1	900	
23.9		50.2	•3	900	
25.2		43.8		900	

### PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVE FROM HOURLY OBSERVATIONS

							1
STATION NU		540 STATIO LST TO	UTC: + 6			MC	RIOD OF
HOURS (LST)	C: CAD	CCATTERER	מסטעבא	AIRWAY CLA		C Ŧ	2.43
		26.8					
		24.7				49.2	ā
06-08	13.1	25.5	34.1	25.1	2.3	61.4	
09-11	9.2	32.3	35.4	23.1		58.5	1
12-14	5.6	38.3	34.8	21.3		56.1	
15-17	5.1	39.9	34.0	21.1		55.1	
18-20	10.5	42.0	27.2	20.2		47.4	
21-23	33.4	30.0	16.8	19.8		36.6	
		32.0			• 0		1
							J. :HTM
00-02	34.3	36.7	17.9	11.1		29.0	
03-05	23.9	37.6	23.9	14.0	. 7	38.6	4
06-08	14.1	35.4	34.1	15.6	• 8	50.4	3
09-11	6.4	43.2	36.3	14.0		50.3	
12-14	1.9	47.1	37.0	14.0		51.0	
15-17	2.3	46.1	37.3	14.1	•1	51.6	
19-20	8.7	44.4	31.7	15.2		46.9	
21-23	29.1	41.3	18.0	11.6		29.6	
ALL HOURS	15.1	41.5	29.5	13.7	.2	43.4	

# REQUENCY OF OCCURRENCE OF SKY COVER ROM HOURLY OBSERVATIONS

AFB	LA		ERIOD OF RECORD ONTH: MAY HOURS		- JCT 88
AY CL	ASSES	• • • • • •	• • • • • • • • • • • • • • •	••••••	
CAST	TOTAL OBSCURATION	G T 1/2	PARTIAL OBSCURATION	TOTAL OBS	-
9.5	.1	38.3	2,2	930	
2.5	• 9	49.2	5•3	930	
5.1	2.3	61.4	4.6	930	
3.1		58.5	•2	930	
1.3		56.1	. 3	930	
1.1		55.1	•3	930	
0.2		47.4		930	
9.8		36.6	•2	930	
1.5	• 0	50.0	1.0	7440	e de la companya del companya de la companya de la companya del companya de la co
		M	ONTH: JUN HOURS	: ALL	
1.1	• • • • • • • • • • •	29.0	. 2	900	
4.0	. 7	38.6	2.2	900	
5.6	• 8.	50.4	3.3	900	
4.0		50.3		900	
4.0		51.0	•6	900	•
4.1	•1	51.6	• 2	900	
5.2		46.9	• 2	900	
1.6		29.6		900	
3.7	•2	43.4	• 8	7200	

### PERCENTAGE FREQUENCY OF OCCURRENCE OF SK FROM HOURLY OBSERVATIONS

USAFETAL.	ASHEVILLE	NC		FRUM H	UUKLT UBSEKVAI	I DM2
STATION NU			UTC: + 6			PER MON
••••••	• • • • • • • •		• • • • • • • • •	AIRWAY CL		• • • • • • • • • • • • • • • • • • • •
HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST		GT 1/2
00-02	40.8	35.8	17.3	5.9	• 2	23.4
03-05	28.2	45.1	17.2	8.8	• 8	26.8
06-08	12.6	48.8	29.0	8.8	8	38.6
09-11	10.5	50.6	29.6	9.2		38.8
12-14	• 9	53.7	35.3	10.2		45.5
15-17	• 6	45.8	39.9	13.7		53.5
18-20	5.9	41.8	36.5	15.8		52.3
21-23	26.3	39.0	24.5	10.1		34.6
					• 3	
						мочт
00-02	37.2	40.1	15.4	7.1	.2	22.7
03-05	32.5	38.1	20.8	7.8	• 9	29.5
06-08	12.3	48.1	29.0	8.7	1.9	39.7
09-11	9.4	50.6	31.9	8.1		40.0
12-14	• 9	54.3	34.8	10.0		44.8
15-17	1.0	42.8	43.9	12.2	• 2	56.2
18-20	4.6	45.3	35.6	14.4	•1	50.1
21-23	25.1	46.9	20.4	7.6		28.1
ALL HOURS	15.3	45.8	29.0	9.5	.4	39.9

### FROM HOURLY OBSERVATIONS

ND AFB T	. A		ERIOD OF RECORD ONTH: JUL HOURS		OCT 88
RWAY CLA	ISSES	. ct	PARTIAL		
ERCASI	JBSCURATION	1/2	USSCURATION	703	
5.9	.2	23.4	1.1	930	
8.8	. 8	26.8	3.9	930	
8.8	. 8	38.6	4.7	930	
9.2		38.8	•6	930	
10.2		45.5	• 3	930	
13.7	-	53.5	1.2	930	
15.8		52.3	1.0	930	
10.1		34.6	• 5	930	
10.0			1.0		···
		MI	ONTH: AUG HOURS	: ALL	
7.1	.2	22.7	.9	930	–
7.8	• 9	29.5	3.9	930	
8.7	1.9	39.7	8.0	930	
8.1		40.0	1.8	930	
10.0		44.8	1 • 4	930	
12.2	•2	56.2	. •9	930	
14.4	•1	50.1	•8	930	
7.6		28.1	• 4	930	
9.5	. 4	39.9	2.2	7445	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

ALL

HOURS

26.9

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF SK FROM HOURLY OBSERVATIONS

STATION	NUMBER: 7475	LST TO	UTC: + 6		<b>A</b>	PER NCM
HOURS (LST)		SCATTERED	BROKEN	AIRWAY CLA OVERCAST		GT 1/2
00-02	44.3		13.8		•6	28.1
03-05	42.6	28.6	12.1	15.1	1.7	28.9
06-08	21.0	38.8	22.0	15.7	2.6	40.2
09-11	19.0	42.6	26.6	11.9		38.4
12-14	5.0	52.0	30.3	12.7		43.0
15-17	5.4	46.3	31.7	15.5		47•2
18-20	16.0	45.2	25.9	12.9		38.8
21-23	36.3	35.0	15.1	13.6		28.7
ALL HOURS	23.0	39.0			• 0	36.0
						וויכא
00-02	44.8	20.2	14.3	20.2	• 4	34.9
03-05	41.0	19.4	14.0	23.8	1.9	39.7
06-08	18.3	33.0	18.8	24.5	5.4	48.7
09-11	16.9	31.7	27.8	22.9	•6	51.4
12-14	14.3	36.8	32.2	16.6	•2	48.9
15-17	13.9	40.3	28.0	17.8		45.8
18-20	22.8	37.3	22.8	16.8	• 3	39.9

21-23 43.0 20.9 17.4 18.6

30.0 21.9

20.2

.1 36.0

43.2

Y OF OCCURRENCE OF SKY COVER IRLY OBSERVATIONS

PERIOD	OF RECORD:	NOV 78	- act	88
:HTMCH	SEP HOURS:A	LL		

TOTAL DBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
•6	28.1	1.6	900
1.7	28.9	5.3	900
2.6	40.2	9.8	900
	38.4	2 • 4	900
	43.0	• 4	900
	47.2	•6	900
	38.8	• 9	900
	28.7	• 3	900
•0 ***	36.0	2.0	7200

MONTH: OCT HOURS: ALL

			·· · · ·	
. 4	34.9	2.3	930	
1.9	39.7	7.5	930	
5.4	48.7	10.8	930	
•6	51.4	4.2	930	
.2	48.9	•1	930	
	45.8	•6	930	
• 3	39.9	•5	927	
• 1	36.0	•9	927	
1.1	43.2	3.4	7434	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY C') FROM HOURLY OBSERVATIONS

			UTC: + 6		L <b>4</b>	H	ERIDO DNTH:
• • • • • • • • •	• • • • • • • •	• • • • • • • • • • • • •	• • • • • • • •	AIRHAY CL		• • • • • • •	• • • • • •
((21)				OVERCAST	LATOT NCITARU328C	1/2	0226
					1.9		• • • • • •
03-05	31.7	17.4	15.2	32.0	3.7	50.9	
06-08	18.7	21.9	22.8	32.1	4.6	59.4	
09-11	14.1	25.3	24.0	35.4	1 • 1	60.6	-
12-14	11.8	31.6	24.4	32.2		56.7	
15-17	11.0	33.2	29.8	26.0		55.8	
18-20	21.0	31.7	21.9	25.1	• 3	47.3	
21-23	32.0	22.2	18.4	26.2	1.1	45.8	
					1.0		
• • • • • • • • •		• • • • • • • • • • • •	• • • • • • • •		• • • • • • • • • • • • • • • • • • • •		DNTH:
00-02		16.0			1.7	49.8	• • • • •
03-05	33.3	14.9	14.6	34.7	2.4	51.7	
06-08	18.1	23.0	19.5	36.6	2.9	58.9	
09-11	10.8	25.4	26.6	36.0	1.3	63.9	
12-14	11.3	28.7	28.0	31.6	. 4	60.0	
15-17	9.0	30.2	31.1	29.6		60.8	
18-20	16.9	31.0	21.9	29.6	•6	52.2	
21-23	30.1	21.1	15.2	32.2	1.5	48.8	

HOURS 20.5 23.8 21.4 33.0

	CY OF OCCURRED		SKY COVER		
IGLAND AFB L		M	ERIOD OF RECORD ONTH: NOV HOURS	:ALL	- DCT 88
AIRWAY CLA OVERCAST	SSES TOTAL	GT 1/2	PARTIAL OBSCURATION	TOTAL DBS	
	1.9			900	
32.0	3.7	50.9	4.3	900	
32.1	4.6	59.4	6.0	900	
35.4	1 - 1	60.6	2.8	900	
32.2		56.7	1.1	900	
26.0		55.8	1.0	900	
25.1	•3	47.3	•8	900	
26.2	1.1	45.8	.7	900	
29.0	1.0		2.0	7200	
		М	ONTH: DEC HOURS	: ALL	
33.4	1.7		2.8	930	
	2.4			930	
	2.0		4.3		

33.0	1.4	55.8	2.9	7440	
32.2	1.5	48.8	1.4	930	
29.6	• 6	52.2	•8	930	
29.6	.1	60.8	1.5	930	
31.6	.4	60.0	1.5	930	
36.0	1.3	63.9	4.8	930	
36.6	2.9	58.9	6.3	930	
34.7	2.4	51.7	4.1	930	
33.4	1.7	49.8	2.8	930	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

ALL HOURS

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY CE FROM HOURLY OBSERVATIONS

STATION N	JMBER: 7475	-	N NAME: EN UTC: + 6	IGLAND AFB I	LA		ERIOD ONTH:
HOURS	CLEAR	SCATTERED	BROKEN	ATRWAY CL	LATET	GT	ĵ
(LST)					JESCURATION	1/2	J651
00-02	36.6	24.1	16.2	22.4	• 7	39.3	
03-05	31.7	24.3	17.2	25.0	1.8	43.9	
06-08	16.6	30.2	24.2	25.1	3.7	53.3	
09-11	12.6	33.3	28.3	25.1	. 7	54.1	
12-14	8.0	38.0	30.2	23.7	•1	54.0	
15-17	7.6	36.8	32.6	22.9	• 1	55.6	
18-20	13.7	37.4	26.1	22.5	• 2	48.8	
21-23	31.8	28.4	17.6	21.8	. 4	39.8	

19.8 31.6 24.1 23.7 .9 48.6

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

ION NAME: ENGLAND To utc: + 6	AFB LA		OF RECORD: ALL HOURS:	-	JCT	88
	NAY CLASSES	• • • • • •	•••••	• • • • • •		

	AIRWAY CL	ISSES			
94DKEN	DVERCAST	TOTAL JBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
16.2	22.4	.7	39.3	1.6	10959
17.2	25.0	1.8	43.9	4.3	10959
24.2	25.1	3.0	53.3	6.4	10959
28.3	25.1	.7	54.1	2.3	10959
30.2	23.7	•1	54.0	•8	10959
32.6	22.9	.1	55.6	. 8	10959
26.1	22.5	• 2	48.8	•6	10956
17.6	21.8	. 4	39.8	•6	10956
24.1	23.7	• 9	48.6	2.2	87666

рррррррр Рррррррр		AAA	AAAAA		RRR	TTTTTTTTT	
		AAAAAAA		RRRRRRRR		111111111	
PΡ	PΡ	AA	AA	RR	RR	TT	
PP	PP	AA	AA	RR	RR	ŤŤ	
PPPPP		AA	AA	RRRRR	RRRR	ŤŤ	
PPPPP	РРР		AAAA	RRRRR	RRR	TT	
PP			AAAAA	RR	RR	77	
PP		AA	AA	RR	<b>२</b> २	ŤŤ	
PΡ		AA	AA	RR	RR	TT	
PP		AA	AA	RR	8.3	**	

RRRRRRR TTTTTTTTT EEEEEEEEE RRRRRRRR TITITITI EEEEEEEEE RR RR TT ΕE TT EΕ RR RR EEEEEE RRRRRRRR TT EEEEEE RRRRRRRR TT RR RR TT EΕ RR 22 TT EΕ EEEEEEEEE RR $\tau \tau$ RR ŤŤ RR

E - 1 - 1

#### PART E

#### TEMPERATURE AND RELATIVE HUNIDITY SUMMARIES

TEMPERATURE -- CUMULATIVE PERCENT DCCURRENCE FREQUENCY (PDF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5 GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMOTAL COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HIP PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MUHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH,
FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR
MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALS

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS-+DATA IS SUMMARIZED:

A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBI
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.
THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO
APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29,
"ENGINEERING WEATHER DATA," AND AMSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATI MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEF, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN OR BULB TEMPERATURES.

#### RE AND RELATIVE HUMIDITY SUMMARIES

PERCENT OCCURRENCE FREQUENCY (POF).

ATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE
IMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS
FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE
AYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5,
IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS,
AND TOTAL OBSERVATION COUNTS ARE GIVEN.

ANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" FORMATION ON REPORTING PRACTICES.

DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPID BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN,
ERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR
OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S)
ISING AND/OR INCOMPLETE MONTHS.

TE.

DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH,

FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A

THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES

RORE MISSING AND/OR INCOMPLETE MONTHS.

) DEW POINT TEMPERATURES.

EATED FROM HOURLY DOSERVATIONS--DATA IS SUMMARIZED:

STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

ARS AND ALL HOURS COMBINED).

RS AND ALL HOURS COMBINED).

TATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.
HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO
IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29,
R DATA, M AND AWSP 105-56, MMETEOROLOGICAL TECHNIQUES. M

B AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS AUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES TURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN E FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, RATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES & TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:

F = 1.8C + 32

C = K - 273.0 (BEFORE 5 APRIL 7)
C = K - 273.2 (SINCE 5 APRIL 7)

RELATIVE HUMIDITY--CUMULATIVE PERCENT DCCURRENCE FREQUENCY CREATED FROM HOURLY DBSERVATIONS, THESE TABLES GIVE POF THUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL DBSERVATION THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

E - 1 - 3

URING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE WHIGHW AND WLOWW DED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES T WHARMW BIAS.

SIONS:

F = 1.8C + 32

C = K - 273.0 (BEFORE 5 APRIL 77) C = K - 273.2 (SINCE 5 APRIL 77)

-CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

URLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE

"X INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED.

IMARIZED AS FOLLOWS:

HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

ILL YEARS AND ALL HOURS COMBINED).

L YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

GE

GE

GE

30

25

20

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF

STATION NUMBER: 747540 STATION

99.6

99.8

100.0

100.0

STATION NAME: ENGLAND AFB LA LST TO UTC: +06

TEN (DE	(P (G-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	•••
GE	105	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	.1	• • •
GE	100						•5	2.3	1.4	
GE	95					• 5	14.0	26.1	23.9	
GE	90				1.0	13.6	57.1	75.0	74.7	
GE	85		• 2	2.0	11.2	53.1	87.1	94.3	93.9	
GE	90	• 8	2.9	13.2	45.3	77.9	97.7	99.1	99.3	
GE	75	6∙მ	14.8	34.4	70.9	93.1	99.4	100.0	100.0	
GE	70	16.5	29.7	56.0	86.9	98.8	99.8			
GE	65	31.7	45.9	72.2	94.5	99.9	100.0			1
GE	60	45.5	60.1	85.1	98.8	100.0				
GE	55	59.7	73.9	93.2	99.6					
GE	50	73.5	85.3	97.2	100.0					
GE	45	83.4	93.0	98.6						
GE	40	91.9	98.0	99.7						
GE	35	97.7	99.3	100.0						
GE	33	98.2	99.3							

			••••						
MEAN	57.4	62.1	69.6	77.3	83.8	89.7	91.8	91.6	1
	11.76								
TOTAL OBS									
			• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •		• • {

# CENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

LAND AFB	LA				DD OF RE	CORD: 43	)9-4511,52 ALL	04-8810
MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
• • • • • • •	• • • • • • •	• • • • • • •	1	• • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	.0
	• 5	2.3	1.4	. 3				. 4
• 5	14.0	26.1	23.9	7.4	. 3			6.1
13.6	57.1	75.0	74.7	42.6	5.6			22.8
53.1	87.1	94.3	93.9	72.9	24.0	1.5		37.3
77.9	97.7	99.1	99.3	87.7	51.2	14.2	1.5	49.9
93.1	99.4	100.0	100.0	96.1	73.5	33.7	10.3	61.7
98.8	99.8			99.3	88.7	51.1	24.4	71.5
99.9	100.0			100.0	96.0	67.7	39.0	79.4
100.0					98.5	79.9	56.6	85.7
					99.8	90.3	72.5	91.0
					100.0	95.2	84.6	94.9
						98.9	93.1	97.3
						100.0	97.7	99.0
							99.2	99.7
							99.5	99.8
							99.7	99.9
							100.0	100.3
								100.0

• •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • • • •
	83.8	89.7		91.6	87.3	78.9	68.7	60.9	76.8
									14.44
									14171

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MIN FROM SUMMARY OF DAY DA

STAT	מאעא אסו	ER: 7479		TATION N ST TO UT		LAND AFB	LA			PER MON
TEMI	G-F)	NAL	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP
GÈ	80	• • • • • • • •		• • • • • • • • •	• • • • • • • •	••••	.1	. 4	• • • • • • •	• • • • • •
GE	75			. 1	• 3	1.5	13.5	31.7	25.5	8.6
GE	70		• 2	2.1	6.3	15.6	65.4	91.6	85.1	48.0
GE	65	1.4	2.3	7.8	21.7	51.3	87.7	99.2	97.1	69.8
GE	60	4.8	5.7	16.9	41.3	76.5	96.8	99.8	99.6	84.0
GE	55	9.3	13.5	28.8	59.3	89.7	99.8	100.0	100.0	94.3
GE	50	15.8	24.5	46.3	77.5	97.8	100.0			98.4
GE	45	25.9	39.9	64.8	91.4	99.8				99.7
GE	40	40.6	56.8	82.7	97.4	100.0				<b>99.</b> 9
GE	35	60.0	74.7	92.8	99.7					100.0
GE	33	59.2	81.8	95.4	99.8					
GE	30	90.6	89.5	98.3	100.0					
GE	25	93.6	97.3	99.9						
GE	20	97.9	99.8	100.0						
GE	15	99.6	100.0							
GE	10	100.0								

• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	•••••	•••••	• • • • •
38.4	42.2	49.0	56.7	63.6	70.1	73.1	72.4	67.
	38.4 10.69	38.4 42.2 10.69 10.25 1178 1074	38.4 42.2 49.0 10.69 10.25 10.04 1178 1074 1178	38.4 42.2 49.0 56.7 10.69 10.25 10.04 8.77	38.4 42.2 49.0 56.7 63.6 10.69 10.25 10.04 8.77 6.21	38.4 42.2 49.0 56.7 63.6 70.1 10.69 10.25 10.04 8.77 6.21 4.53	38.4 42.2 49.0 56.7 63.6 70.1 73.1 10.69 10.25 10.04 8.77 6.21 4.53 2.74	38.4 42.2 49.0 56.7 63.6 70.1 73.1 72.4 10.69 10.25 10.04 8.77 6.21 4.53 2.74 3.24 1178 1074 1178 1156 1209 1170 1209 1209

## ERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

IGL	AND AFB	LA			PERI (	DD DF RE	HOURS:	09-4511,52 ALL	204-8810
<b></b>	YAM	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
• •	• • • • • • • • • • • • • • • • • • • •	.1		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	••••••
	1.5	13.5	.4 31.7	25.5	8.6	•1	• 1	1	•0 7•0
	15.6	65.4	91.6	85.1	48.0	7.2	1.2	•1	27.3
,	51.3	87.7	99.2	97.1	69.8	19.9	6.2	2.3	39.4
	76.5	96.8	99.8	99.6	84.0	35.7	15.0	6.2	49.1
	89.7	99.8	100.0	100.0	94.3	52.3	26.8	12.2	57.8
	97.8	100.0			98.4	70.1	39.6	22.8	66.6
	99.8				99.7	86.1	56.7	35.3	75.4
	100.0				99.9	95.2	73.3	52.6	83.6
					100.0	99.1	87.5	70.9	90.6
						99.6	91.2	78.4	93.1
						100.0	96.8	88.2	96.2
							99.7	96.6	99.0
							100.0	99.2	99.7
								99.8	100.0
								100.0	100.0

7 63.6 70.1 73.1 72.4 67.1 55.3 47.0 41.2 56.6 7 6.21 4.53 2.74 3.24 6.77 9.55 10.63 10.60 14.74 6 1209 1170 1209 1209 1200 1240 1170 1178 14171	7	63.6		72.4			56.6
	7		 		 	 	14.74

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NC

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM SUMMARY OF DI

STAT	ION NUMBER	7479		TATION N ST TO UT	AME: ENG C: +06	LAND AFB	LA		
TEM: (DE	P G-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
ĞĒ	90	•••••	• • • • • • •	••••••	• • • • • • • •		2		•2
GE	85					• 5	12.0	26.6	22.4
GE	80			• 2	1.4	12.2	62.2	87.3	83.0
GE	75	• 1	. 4	4.2	16.3	53.1	90.9	99.0	98.3
GE	70	2.9	3.8	14.2	41.3	80.4	98.5	99.9	100.0
GE	65	7.1	12.8	29.9	65.7	94.0	99.9	100.0	
GE	60	15.0	25.6	50.3	85.7	99.5	100.0		
GE	55	25.6	41.2	71.8	95.4	100.0			
GE	50	42.5	60.0	86.9	99.1				
GE	45	61.5	76.4	95.2	100.0				
GΕ	40	78.9	90.5	98.4					
GE	35	90.5	97.0	99.7					
GE	33	94.0	98.8	100.0					
GE	30	97.5	99.4						
GE	25	99.5	100.0						
GE	20	99.8							
GE	15	100.0							

• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	•••••	•••••	• • • • • • • • •	••
MEAN	48.1	52.4	59.5	67.2	73.9	80.2	82.7	82.2	
SD	10.35								
TOTAL OBS									• •

## JLATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

ENGI	LAND AFB	LA				OD OF RE	CORD: 43	09-4511,52 All	04-8810
APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
• • • • •	• • • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	••••••
	_	2	• 2	• 2					• 1
	• 5	12.0	26.6	22.4	4.3	• 1			5.6
1.4	12.2	62.2	87.3	83.0	45.1	4.2	.1		25.0
16.3	53.1	90.9	99.0	98.3	73.3	18.8	2.9	• 3	38.7
41.3	80.4	98.5	99.9	100.0	90.1	41.5	12.5	3.9	49.7
65.7	94.0	99.9	100.0		97.5	64.4	28.0	9.8	59.8
85.7	99.5	100.0			99.6	83.2	44.5	21.2	69.3
95.4	100.0				99.9	95.9	63.2	35.6	77.9
99.1					100.0	99.1	79.6	54.3	85.5
00.0						99.9	92.8	76.1	92.0
						100.0	98.3	89.0	96.3
						10000	99.8	96.8	98.7
							100.0	98.3	99.3
							100.0	99.1	99.7
								99.7	99.9
								99.9	100.0
								100.0	100.0

• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••
67.2	73.9	80.2	82.7	82.2	77.4	67.3	59.1	51.3	66.9
				A A AAA AA A				9.70	
								1178	14171

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NC

### MONTHLY MAXIMUM TEMPERATURES IN FAHRENHE! FROM SUMMARY OF DAY DATA

STATION NAME: ENGLAND AFB LA STATION NUMBER: LST TO UTC: +06 JUN APR YEAR JAN FEB MAR MAY JUL AUG . . . . . 90\* 

MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

AND	AFB L	A			PERIOD MONTH:		RD: 4309	-4511,520 L	4-8810	
• • •	MAY	JUN	JUL	AUG	SEP	OCT	VON	DEC	ANNUAL	
• • •	• • • • •	•••••	•••••	• • • • • • • •	94	87	83	81	94*	
	93	100	103	100	97	92	82	74	103	
	93	97	98	97	96	90	85		98*	
	94	98	99	98	95	95	85	78	99*	
	96	100	97	100	100	94	80	77	100	
	92	102	104	105	99	96	82	79	105	
	93	96	98	97	94	90	87	82	98	
	94	97	99	101	97	90	82	80	101	
	93	94	98	98	96	84	84	75	98	
	93	95	98	98	95	88	85	75	98	
	91	95	95	96	94	91	83	73	96	
	93	98	99	95	95	88	83	75	99	
	94	92	93	93	91	88	83	75	94	
	94	92	98	100	92	89	82	77	100	
	90	97	98	97	98	96	86	73	98	
	92	94	96	98	95	84	81	77	98	
	87	93	97	97	95	90	82	76	97	
	89	95	99	95	95	90	84	79	99	
	90	95	94	95	88	88	85	79	95	
	92	95	96	94	91	91	82	72	96	
	92	97	100	99	96	93	85	75	100	
	90	96	101	98	95	90	79	80	101	
	89	98	99	94	93	89	86	79	99	
	93	98	94	97	97	90	87	76	98	
	91	94	95	95	92	88	84	79	95	
	88	91	96	96	92	87	85	81	96	
	89	94	92	92	91	88	84	81	94	
	89	91	94	95	90	88	79	73	95	
	98	99	98	97	94	94	83	82	99	
	94	95	96	96	92	88	85	82	96	
	89	96	98	95	95	95	82	76	98	
	92	98	102	104	100	92	83	75	104	

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

## MONTHLY MAXIMUM TEMPERATURES IN FAHRENHE FROM SUMMARY OF DAY DATA

		LST	TO UTC: +	06				
YEAR	NAL	FEB	MAR	APR	MAY	JUN	JUL	AUG
81	71	80	82	86	90	94	99	98
82	80	82	88	89	95	96	96	95
83	75	75	83	81	90	93	96	98
84	73	81	80	95	91	93	93	95
85	68	75	81	87	94	96	94	97
86	76	84	85	87	90	91	101	101
87	76 75	76	79	91	89	91	97	96
88	76	77	82	87	92	100	98	100

GREATEST 82 86 88 92 98 102 104 105
TOTAL DBS 1178 1074 1178 1156 1209 1170 1209 1209

THE GREATEST VALUE OF 105 OCCURRED ON 08/30/54

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE D

E - 3 - 18

### NTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

ENGLAND 06	AFB LA				PERIOD MONTH:		RD: 4309	-4511,520 L	4-9810
APR	MAY	NUL	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
86	90	94	99	98	94	92	81	75	99
89	95	96	96	95	94	89	85	81	96
81	90	93	96	98	92	88	84	74	<b>9</b> 8
95	91	93	93	95	92	88	83	80	95
87	94	96	94	97	93	89	82	74	97
87	90	91	101	101	94	92	84	75	101
91	89	91	97	96	93	87	84	81	97
87	92	100	98	100	93	86			100*

• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • • • •	•••••
92	98	102	104	105	100	96	87	82	105
	•••••								• • • • • • • • •
								1178	

105 DCCURRED ON 08/30/54

ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

## MONTHLY MINIMUM TEMPERATURES IN FAHRENHE

STATION NUMBER:	747540	LST	to utc:	+06				
YEAR	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG
43	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
44	22	27	35	39	49	67	69	69
45	29	32	42	41	45	62	67	66
52				42*	48	63	70	62
53	28	34	38	38	56	68	68	67
54	29	26	31	39	44	56	72	67
55	24	24	28	49	60	58	71	68
56	24	33	31	41	55	55	68	58
57	23	33	29	41	48	67	68	65
58	25	22	36	46	54	65	70	66
59	21	30	34	38	59	64	68	67
60	23	19	25	44	47	62	67	67
61	21	32	37	36	44	64	70	60
62	10	29	29	32	50	64	68	67
63	12	22	32	45	45	63	68	57
64	16	21	35	40	50	57	67	59
65	18	24	25	41	48	61	70	63
66	16	25	28	37	54	55	71	61
67	25	24	34	49	50	58	57	60
68	20	18	25	40	52	61	60	60
69	22	28	31	45	51	58	68	63
70	18	25	31	37	46	55	64	68
71	27	23	28	31	47	68	67	64
72	21	26	33	37	53	55	64	66
73	20	23	45	39	51	64	65	61
74	30	27	39	40	51	55	67	63
75	24	25	32	36	59	57	65	66
76	18	29	36	43	47	61	67	62
77	20	28	37	43	52	56	70	71
78	23	24	29	43	49	56	69	68
79	16	24	36	42	49	56	71	68
80	28	23	24	41	53	58	69	69

Y MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

LÄN	ND AFB L	A			PERIOD MONTH:		RD: 4309 DURS: AL	-4511,520 L	4-8810
•••	MAY	NUL	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
• • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	56	35	27	19	19*
-	49	67	69	69	60	41	30	26	22
	45	62	67	66	54	43	30		29*
:	48	63	70	62	52	30	29	23	23*
	56	58	68	67	54	37	31	23	23
	44	56	72	67	53	36	33	26	26
	60	58	71	68	63	37	26	19	19
	55	55	68	58	50	44	26	30	24
	48	67	68	65	57	32	35	21	21
	54	65	70	66	56	47	27	21	21
	59	64	68	67	59	46	23	29	21
	47	62	67	67	58	42	34	24	19
	44	64	70	60	53	39	29	23	21
	50	64	68	67	52	40	32	12	10
	45	63	68	57	46	<b>3</b> 5	28	17	12
	50	57	67	69	47	34	29	25	16
	48	61	70	63	51	32	31	22	18
	54	55	71	61	56	42	26	22	16
	50	58	57	60	36	36	30	26	24
	52	61	60	60	51	38	28	25	18
	51	58	68	63	54	39	25	29	22
	45	55	64	68	51	39	25	26	18
	47	68	67	64	60	44	31	41	23
	53	55	64	66	56	46	30	21	21
	51	64	65	61	58	41	36	25	20
	51	55	67	63	46	43	31	27	27
	59	57	65	66	46	42	25	19	19
	47	61	67	62	54	34	24	29	18
	52	56	70	71	64	39	32	24	20
	49	56	69	68	59	35	32	26	23
	49	56	71	68	57	43	22	22	16
	53	58	69	69	63	32	30	25	23

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NC

#### MONTHLY MINIMUM TEMPERATURES IN FAHRENH FROM SUMMARY OF DAY DATA

STATION NUMBER:	747540		TO UTC:	E: ENGLAN	ND AFB L	A		
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
81	21	21	34	42	49	65	71	65
82	12	29	35	38	49	60	68	69
83	30	35	25	40	48	59	63	70
84	20	23	32	43	49	53	64	64
85	16	23	40	43	52	59	67	65
86	28	24	26	44	52	65	70	57
87	27	32	30	33	59	58	66	59
88	25	26	30	41	46	54	69	68

LEAST	10	18	24	31	44	53	57	57
TOTAL OBS	1178	1074	1178	1156	1209	1170	1209	1209

THE LEAST VALUE OF 10 OCCURRED ON 01/11/62

NOTE: +THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE

### Y MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

JLAN	ND AFB L	<b>A</b>		-	PERIOD MONTH:		RD: 4309 OURS: AL	-4511,520 L	4-8810
2	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
• • • •	49	65	71	65	46	42	30	24	21
	49	60	68	69	48	36	33	28	12
	48	59	63	70	44	43	31	13	13
	49	53	64	64	46	41	31	26	20
	52	59	67	65	49	42	40	22	16
	52	65	70	57	65	46	33	32	24
	59	58	66	59	51	33	30	28	27
	46	54	69	68	54	43			25*

1 44 53 57 57 36 30 22 12 10 6 1209 1170 1209 1209 1200 1240 1170 1178 14171

OCCURRED ON 01/11/62

10

A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

#### MONTHLY MEAN TEMPERATURES IN FAHRENHET FROM SUMMARY OF DAY DATA

STATION NUMBER: 747540

STATION NAME: ENGLAND AFB LA LST TO UTC: +06

			10 010				<b>.</b> . <b>.</b>	
YEAR	JAN	FEB	MAR	APR	MÁY	NUL	JUL	AUG
43	• • • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •
44	49	59	60	67	74	84	85	84
45	49	57	66	69	72	81	82	81
77	47	<i>,</i> ,	90	3,	12	0.	02	01
52				66*	74	83	84	84
53	54	53	66	66	76	85	82	83
54	53	59	59	71	70	83	85	86
55	51	54	63	71	77	79	82	32
56	50	58	59	66	77	79	84	83
57	53	60	59	69	76	81	84	33
58	47	46	55	68	76	82	94	82
59	48	54	53	65	76	81	32	33
60	48	47	52	63	73	82	82	82
61	45	55	63	63	72	77	81	80
62	45	60	54	64	75	78	82	83
63	42	47	62	69	75	81	82	32
64	48	48	59	69	74	80	81	32
65	51	50	51	70	74	79	84	82
66	45	49	58	69	74	79	85	81
67	48	49	64	72	72	80	80	80
68	46	43	56	68	74	31	81	81
69	52	53	54	67	73	30	84	82
70	45	52	58	70	74	80	83	83
71	52	52	56	65	72	82	83	80
72	53	54	60	69	75	81	80	82
73	45	50	65	66	74	80	83	80
74	55	54	65	65	75	76	82	81
75	55	55	61	66	74	79	80	80
76	47	59	61	67	69	77	80	68
77	42	54	63	69	77	83	85	83
78	42	45	57	67	75	79	83	82
79	41	48	59	67	72	79	83	83
80	51	51	58	64	74	81	85	35

#### MONTHLY MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

ME: ENGLAND AFB LA

PERIOD OF RECORD: 4309-4511,5204-8810 : +06 MONTH: ALL HOURS: ALL

- <b>-</b>	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
• •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	73	65	53	50	60*
	67	74	84	85	34	79	67	59	48	68
	69	72	81	82	81	79	66	61	-	69*
	66*	74	83	84	84	77	61	56	51	71*
	66	76	85	82	83	79	70	57	49	68
	71	70	83	85	86	80	70	58	53	69
	71	77	79	82	32	81	67	58	54	68
	66	77	79	84	83	78	70	57	58	68
	69	76	81	84	93	75	65	59	54	68
	68	76	82	84	82	80	67	59	48	66
	65	76	81	32	93	79	70	54	52	67
	63	73	82	82	82	79	70	60	48	66
	63	72	77	81	80	77	66	57	51	66
	64	75	78	82	83	76	68	55	48	66
	69	75	81	82	82	78	71	58	43	66
	69	74	80	81	32	77	63	60	52	66
	70	74	79	84	82	79	65	64	52	67
	69	74	79	85	81	78	66	62	50	66
	72	72	80	80	80	72	65	58	53	66
	68	74	81	81	81	74	69	56	50	65
	67	73	80	84	82	77	69	56	51	67
	70	74	80	93	83	80	65	55	56	67
	65	72	82	83	80	78	71	57	59	67
	69	75	81	80	82	82	69	53	49	67
	66	74	80	83	80	79	71	65	51	68
	65	75	76	82	81	74	66	58	53	67
	66	74	79	80	90	72	66	58	49	66
	67	69	77	80	80	77	62	52	50	65
	69	77	83	85	83	80	67	60	51	68
	67	75	79	83	82	79	66	62	52	66
	67	72	79	83	83	77	71	54	50	65
	64	74	61	85	85	83	65	55	49	67

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NC

### MONTHLY MEAN TEMPERATURES IN FAHRE FROM SUMMARY OF DAY DATA

STATION NUMBER: 747540

STATION NAME: ENGLAND AFB LA LST TO UTC: +06

•••••		• • • • • • •		• • • • • • •		• • • • • • • •		• • • • • •
YEAR	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUI
						• • • • • • •		• • • • •
81	45	51	56	70	70	81	85	83
82	50	51	65	66	76	80	83	83
83	49	52	57	62	72	78	83	82
84	44	53	60	67	74	79	80	81
85	44	48	64	69	74	80	82	82
86	50	56	61	68	74	79	84	82
87	47	54	57	64	75	79	81	93
88	46	53	59	67	72	79	83	84

MEAN 48.1 52.4 59.5 67.2 73.9 80.2 82.7 82.2 TOTAL OBS 1178 1074 1178 1156 1209 1170 1209 1209

NOTE: +THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE

## MEAN TEMPERATURES IN FAHRENHEIT ROM SUMMARY OF DAY DATA

				:HTMOP	• • • • • • •	JURS: ALI		• • • • • • • •	
	אטע	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
• • •	81	85	83	76	68	61	51	66	
	80	83	83	76	67	60	56	68	
	78	83	82	75	68	58	44	65	
	79	80	81	74	72	57	61	67	
	80	82	82	77	71	63	47	67	
	79	84	82	81	67	61	49	68	
-	79	81	83	75	62	59	55	66	
	79	83	84	78	66			69*	
					orang and the second		·		
			rappartie activació franció franció (n. 1920).						
	-	-							
~ .									
• • •		• • • • • • • •		• • • • • • •		• • • • • • •			
	80.2	82.7	82.2	77.4	67.3	58.1	51.3	66.9	
	03.2	02.01	02.02	1107		7011	J1.6.3	ü <b>0.</b> 7	
• • •	1170	1209	1300	1200	1740	117M	• • • • • • • • • • • • • • • • • • •	17.171	
			· · · · · · · · · · · · · · · · · · ·	<u> </u>		·····			
	***			• .		. =			

E - 4 - 18

]

## OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

STATION	NUMBER:		STATION NAME: LST TO UTC: +	ENGLAND AFB LA	<del></del>	PERI MONT
HOURS LST	MEAN	STANDARD DEVIATIO	N DBS	·	LE O	OF HOU LE 32
00-02	42.7	10-297		• • • • • • • • • • • • • • • • • • • •	0	128
03-05	41.1	10.550	930		0	183
06-08	40.6	10.799	930		0	207
09-11	46.3	10.298	930		0	56
12-14	52.6	11.001	930	•	0	22
15-17	53.8	11.086	930		0	20
18-20	48.2	10.216	930		0	54
21-23	44.8	10.266	930		0	89
ALL HOURS	46.3	11.542	7440		0	759
						MONT
00-02	47.4	10.315	849		0	70
03-05	46.0	10.593	849		0	101
06-08	45.4	10.551	849		0	108
09-11	51.2	10.978	849		0	42
12-14	57.3	12.149	549		0	10
15-17	58.7	12.148	849	e e	Ö	3
18-20	53.5	10.511	849		O	17
21-23	49.6	9.997	849		0	37
ALL HOURS	51.1	11.916	6792		0	388

GLAND AFB LA			DD OF RE H: JAN	CORD: NOV	78 - OCT	88
MEAN		• • • • • •	RS WITH	TEMPERATUR	RES DEG F	TOTAL
	LE 0	LE 32	GE 65	GE 80	GE 93	HOUR
	0	128	28	0	0	930
	0	183	25	0	<b>o</b>	930
	0	207	27	<u> </u>	0	93
	0	56	42	0	0	93
	0	22	146	0	· • · · ·	93
	0	20	184	1	O	93
10 (47/4). (7 Not) - Gradual territoria estas est, falcarellado de la companya del companya del companya de la companya del la companya de la	0	54	63	0	σ	93
	0	89	36	0	0	93
	0	759	551	1	0	744
	• • • • • •	• • • • • •	• • • • • • •	•••••	••••••	• • • • •
		MONT	H: FEB			
	Ō	70	35	0	0	84
	0	101	32	0	0	84
	0	108	22	Ö .	Ö	84
	0	42	108	0	σ	84
/ /	0	10	272	12	0	84
•	0	3	306	20	· · · · · · · · · · · · · · · · · · ·	84
e e e e e e e e e e e e e e e e e e e	0	17	150	<b>o</b>		84
-	0	37	51	0	0	84
	0	388	976	32	0	679

OPERATING LOCATION WAW USAFETAC, ASHEVILLE NO

STATION	NUMBER:		TION NAME	ENGLAND AFB LA			PERIOD HONTH:
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL 085	•••••	MEAN	NUMBER LE 0	OF HOURS LE 32 (
30-00	54.4	9.087	930	• • • • • • • • • • • • • •	• • • • • • •	0	8
03-05	52.5	10.002	930			0	16
06-08	52.8	10.115	930			o	13
09-11	60.8	8.904	930			0	2
12-14	66.5	9.051	930			0	0
15-17	68.0	8.941	929			0	0
18-20	62.3	8.361	930			0	·····ì
21-23	57.4	8.421	930			0	6
ALL HDURS	59.3	10.704	7439			00	46
* * * * * * * *	•••••	••••••			• • • • • • •	• • • • • •	MONTH
							:HTMOM
00-02	60.4	7.892	900			0	0
03-05	58.4	8.424	900			0	0
06-08	60.2	8.307	900	. <del>-</del>		Ö	0
09-11	69.2	7.214	900			0	0
12-14	74.3	7.505	900			0	0
15-17	74.7	7.833	900			0	0
18-20	68.8	7.435	900			Ō	0
21-23	63.4	7.355	900			0	0
ALL HOURS	66.2	9.854	7200			<u>o</u>	· 0
• • • • • • •	•••••	••••••	• • • • • • • • •		• • • • • • • •	•••••	• • • • • • • •

ENGLAND AFB LA			PERIO MONTH		CORD: NOV	78 - DC	T 88
		JMBER 0	OF HOUR		TEMPERATUR GE 80		HOURS
	•••••	0	8	122	0	0	930
		Ó	16	127	0	0	930
		Ö	13	131	0	Ò	930
- 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110 - 110		0	<u>2</u>	326	6	0	930
e.		0		561	53	Ŏ ·	930
		0	0	623	68	0	929
um en		0	1	404	5	0	930
		0	6	187	0	0	930
	• • • • • • •	0	46	2481	132	0	7439
			MONTH	: APR	····· ··· · · · · · · · · · · · · · ·		
• • • • • • • • • • • • • • • • • • •	• • • • • • •	0	Ô	312	0	0	900
		0	0	258	0	0	900
· · · ·		0	Ō	315	···_·	0	900
		0	0	676	45	0	900
		0	0	792	248	0	900
		0	0	808	269	0	900
		0	0.0	669	39	0	900
		0	0	438	0	0	900
							7200
• • • • • • • • • • • • • • • •		0	0	4268	601		7200

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

HOURS MEAN STANDARD TOTAL LST DEVIATION DBS  00-02 66.4 5.811 930  03-05 64.7 6.265 930	NUMBER (LE 0 L	OF HOUR LE 32
	 •	1
03-05 64.7 6.265 930	0	0
		, j
06-08 67.8 6.229 930	0	0
09-11 76.6 5.665 930	 ō	0
12-14 81.0 5.790 930	0	0
15-17 81.1 5.938 930	0	0
18-20 75.3 5.821 930	 0	0
21-23 69.6 5.534 930	0	0
ALL HDURS 72.8 8.481 7440	 0	0
		MONTH:
00-02 72.7 4.212 900	0	0
03-05 71.0 4.704 900	 0	0
06-08 74.5 4.892 900	0	0
09-11 83.0 4.279 900	0	0
12-14 86.9 4.920 900	0	0
15-17 86.7 5.430 900	 0	0
18-20 81.4 5.191 900	0	0
21-23 75.5 3.968 900	 0	0
ALL HOURS 79.0 7.601 7200	 0	0

LAND AFB LA		PERID MONTH		URD: NOV	78 - DC	T 88	
MEA				EMPERATUR			
	LE 0	LE 32	GE 65	GE 80	GE 93	HOURS	
	0	0	642	1	0	930	
w - w -	0	0 -	550	0		930	
	0	0	691	7	0 - 0	930	
	0	0	905	319	0	930	
	Ö		929	609	2	930	
		· - ' <u>0</u>	927	605	9	930	
	0	0	888	232	0	930	 
	0	0	766	15	··· o	930	
	0	0	6298	1788	11	7440	 
	•••••						
		MONTH	: JUN				
· · · · · · · · · · · · · · · · · · ·	. 0		843	28		900	
	σ	0	808		0	900	 
	· · · · · · · · · · · · · · · · · ·		865	130	0	900	
		· · · · · · · · · · · · · · · · · · ·	900	730	3	900	
	0	0	900	819	79	900	 
	0		900	791	108	900	
		o	900	574	8	900	
and the second s	0	0	893	149	0	900	 
						7200	 
	0	0	7009	3225	198	7200	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

STATION	NUMBER:		TION NAME: + : OTU OT	ENGLAND AFB LA 6		PERIO MONTH
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER LE 0	OF HOUR LE 32
00-02	75.9	3.163	930		0	0
03-05	74.4	3.045	930		0	0
06-08	77.1	3.793	930		Ó	0
09-11	85.8	3.961	930		0	о -
12-14	89.8	4.732	930		0	o
15-17	89.2	6.031	930		0	0
18-20	83.5	5.550	930		9	0
21-23	78.2	3.593	930		0	0
ALL HOURS	81.8	7.194	7440		0	0
						MONTH:
00-02	75.6	2.877	930	• • • • • • • • • • • • • • • • • • • •	Ō	0
03-05	74.2	2.827	930		0	o
06-08	76.2	3.618	930		0	0
09-11	85.3	4.068	930		0	0
12-14	89.7	4.654	930		0	0
15-17	88.9	5.549	930	. where a second	Ö	o
18-20	82.6	4.879	930	and the second s	O	o
21-23	77.8	3.162	930		0	0
ALL Hours	81.3	7.098	7440		0	 O

ENGLAND AFB LA				OD OF RE	CORD:	NOV 78 -	DCT 88		<del></del>
	MEAN	NUMBER LE 0	OF HOU LE 32				F TOTAL HOURS		
• • • • • • • • • • • • • • • •	• • • • • •	0	0	929	112	0	930		
		0	0	926	39	0	930		
		0	0	928	249	0	930		
		0	0	930	867	32	930		
		0	0	930	891	248	930		
		0	0	930	848	302	930		
		0	0	930	695	52	930		
		0	Ö	930	342	0	930		
		0	0	7433	4043	634	7440		
• • • • • • • • • • • • • • • •	• • • • • •		MONT	H: AUG					
• • • • • • • • • • • • • • • •	• • • • • •	0	0	926	65	0	930		
		0	0	922	15		930		
		0	0	923	195		930		
		. 0	0	930	844	18	930		
er	······································	0	0	930	886	241	930	·	
		0	0	930	858	255	930		
			0	930	682	15	930		
	<u></u>	σ	0	928	299	0	930	· · · · · · · · · · · · · · · · · · ·	
		0	0	7419	3844	529	7440	·	
				• • • • • • •		• • • • • • •			

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

 STATION	NUMBER:		TO UTC: +	ENGLAND AFB LA		PERIO MONTH
HOURS LST	MEAN	STANDARD NCITAIVED	TOTAL DBS	MEA	N NUMBER	OF HOUP E 32
00-02	69.7	6.600	900		0	- 0
03-05	68.1	7.069	900		0	0
06-08	70.0	7.073	900		0	0
09-11	80.5	6.188	900		0	0
12-14	85.3	6.090	900		0	0
15-17	84.5	6.225	900		0	0
18-20	76.4	6.441	900		ō	0
21-23	71.7	6.276	900		0	0
 ALL HOURS	75.8	9.188	7200		0	0
••••••	•••••				• • • • • • • • •	
	• • • • • • • •		• • • • • • • • •		•••••	MONTH
00-02	60.8	9.435	930		0	0
03-05	59.2	10.130	930	· · · · · · · · · · · · · · · · · · ·	0	" o
06-08	60.1	9.959	930		0	1
09-11	70.5	8.158	930	- · · ·	0	0
 12-14	76.4	7.960	930		0	0
15-17	76.1	7.749	930		0	0
18-20	67.4	8.218	927		Ó	0
21-23	63.0	8.717	927		0	0
ALL HOURS	66.7	11.030	7434		0	1

		HTMOM	: SEP				
М	EAN NUMBER		SWITH	TEMPERAT		TOTAL	
	LE 0	LE 32	GE 65	GE 80	GE 93	HOURS	
•••••	0	0	705	7	0	900	
	.0	0	656	0	0	900	
	Ö	0	714	32	0	900	
y	0	0	882	561	5	900	
	<b>o</b>	0	897	750	53	900	
	0	Ó	897	695	52	900	
anning and the same	0	0	854	291	0	900	
	Ō	0	780	48	0	900	
	0		6385	2384	110	7200	
• • • • • • • • •	••••••		•••••		• • • • • • • • •		
	= "	HTMOM	: OCT				
	Ö	Ó	379	1	0	930	
	0	0	343	0	0	930	
	0	<b>1</b>	363	5	0	930	
	Ō	0	712	139	0	930	
	0	0	870	358	3	930	
	0	0	867	348	2	930	
	. <b>o</b>	0	594	57	0	927	
	σ	0	442	6	, 0	927	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

STATION	NUMBER:		TATION NAME: ST TO UTC: +	ENGLAND AFB LA		PERIDO MONTH:
HOURS LST	MEAN	STANDARD DEVIATION		ME/	AN NUMBER LE O	OF HOURS LE 32
00-02	53.9	10.447	900		0	7
03-05	52.6	10.937	900		0	22
06-08	52.6	10.913	900		0	22
09-11	60.4	9.876	900		0	1
12-14	66.2	9.900	900		0	9
15-17	66.0	9.592	900		0	0
18-20	59.0	9.315	900	· · · · · · · · · · · · · · · · · · ·	0	o
21-23	55.6	9.894	900		0	3
ALL HOURS	58.3	11.390	7200	• • • • • • • • • • • • • • • • • •		55
						:HTMOM
00-02	47.3	11.772	930	• • • • • • • • • • • • • • • • • • • •	0	75
03-05	46.0	12.231	930		O	107
06-08	45.5	12.396	930		0	133
09-11	51.6	11.451	930		0	42
12-14	57.6	11.506	930			19
15-17	58.0	11.192	930		0	16
18-20	52.2	10.813	930		0	27
21-23	49.1	11.172	930		<u>o</u>	50
ALL HOURS	50.9	12.455	7440		0	469

						TH: NOV			DCT 88
1	••••		MEAN	NUMBER LE 0		URS WITH		TURES DEG GE 93	F TOTAL HOURS
ř	• • • • • • •			0	7	165	0	0	900
				0	22	153	0	0	900
				0	22	160	0	0	900
		- <del>-</del> -	er mer a	0	1	327	8	<u> </u>	900
				0	0	515	85	0	900
				0	a	505	67	0	900
					7	295	<u>0</u>		900
				0	3	225	0	0	900
				0	55	2345	160	0	7200
					MON	TH: DEC			
	• • • • • •	• • • • • • •	• • • • • •	0	75	98	0	0	930
				0	107	90	0	0	930
				0	133	92	0	0	930
				0	42	136	I	0	930
				0	19	281	11	0	930
				0	16	288	3	0	930
				0	27	146	0	0	930
				0	50	104	σ		930
				0	469	1235	15	0	7440

#### OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

STATION	NUMBER:		TION NAME: TO UTC: +		AFB LA			PERIO( MONTH
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL DBS			MEAN	NUMBER LE 0	DF HOUR! LE 32
00-02	60.7	13.792	10959				0	288
03-05	59.1	14.043	10959				0	429
06-08	60.3	15.140	10959				О	484
09-11	68.5	15.764	10959	±	·		0	153
12-14	73.7	15.289	10959				0	51
15-17	73.9	14.818	10958				0	39
18-20	67.6	14.428	10956	- The same of the			0	99
21-23	63.0	13.707	10956				0	185
ALL HOURS	65.8	15.662	87665				0	1728

ENGLAND AFB LA 6			PERIO MONTH		ECUKD:	NOV 78 -		
	MEAN					TURES DEG	and the same and t	
		LE O	LE 32	GE 65	GE 80	GE 93	HOURS	
		0	288	5184	214	0	10959	
		Ō	429	4890	58		10959	
		0	484	5231	618		10959	
	·	0	153	6874	3520	58	10959	
		0	51	8023	4722	626	10959	
		0	39	8165	4573	728	10958	
		0	99	6823	2575	75	10956	
<u>.</u>		0	185	5780	859	0	10956	
	. =	0	1728	50970	17139	1487	87665	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

STATION	NUMBER:		STATION NAME:	ENGLAND AFB LA		PER I MON1
HOURS	MEAN			••••••	MEAN NUMBER	R OF HOL
LST		DEVIATION			LE 32	
00-02	39.3	10.353	930	• • • • • • • • • • • • • • • • • • • •	241	162
00-02	37.3	10.333	730		241	102
03-05	38.1	10.558	930		300	144
06-08	37.7	10.829	927		342	140
09-11	41.8	10.218	927		142	202
12-14	45.6	10.097	927		85	316
15-17	46.1		929		77	339
18-20	43.0		930		127	237
21-23	40.9	10.354	930		174	191
ALL Hours	41.6		7430		1488	1731
•••••	• • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • •
						MONT
00-02	43.9	10.632	849	• • •	122	267
03-05	42.8	10.863	849		159	250
06-08	42.4		849	<del></del>	166	237
09-11	46.3		849		96	342
12-14	49.5		849		48	437
15-17	50.1	10.421	849		40	458
18-20	47.4				57	
21-23	45.3	10.158	849		83	311
ALL HOURS	46.0	10.911	6792		771	2672
• • • • • • •	• • • • • • • •	••••••	• • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	•••••

## WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

E - 5 - 2 - 1

		: JAN				
			# • • • • • • • • • • • • • • • • • • •	056 056 5	* * * * * * * * * * * * * * * * * * *	
	GF 50	S WITH TE	GF 73	GE BO	HOURS	
241	162	11	0	0	930	
300	144	12	0	0	930	
342	140	11		0	927	
142	202	12	0	0	927	
85	316	19	0	0	927	
77	339	22	· · · · · · · · · · · · · · · · · · ·	0	929	
127	237	12	0	0	930	
174	191	13	0	0 -	930	
1488			0	0	7430	
• • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	
	HTMOM	: FEB				
122	267	3	··· · · · · 0	0	849	_
159	250	2	0	0	849	
166	237	1	0	0	849	
96	342	13	. 0	0	849	<del></del> · · · · ·
48	437	33	0	0	849	
40	458	34	0	0	849	
57	370	11	0	0	849	· <del></del>
83	311	5	0	0	849	
771	2672	102	0	0	6792	
	241 300 342 142 85 77 127 174 1488 122 159 166 96 48 40 57	LE 32 GE 50  241 162  300 144  342 140  142 202  85 316  77 339  127 237  174 191  1488 1731  MONTH  122 267  159 250  166 237  96 342  48 437  40 458  57 370  83 311	LE 32 GE 50 GE 67  241 162 11  300 144 12  342 140 11  142 202 12  85 316 19  77 339 22  127 237 12  174 191 13  1488 1731 112  MONTH: FEB  122 267 3  159 250 2  166 237 1  96 342 13  48 437 33  40 458 34  57 370 11  83 311 5	LE 32 GE 50 GE 67 GE 73  241 162 11 0  300 144 12 0  342 140 11 0  142 202 12 0  85 316 19 0  77 339 22 0  127 237 12 0  174 191 13 0  1488 1731 112 0  MDNTH: FEB  122 267 3 0  159 250 2 0  166 237 1 0  96 342 13 0  48 437 33 0  40 458 34 0  57 370 11 0  83 311 5 0	LE 32 GE 50 GE 67 GE 73 GE 80  241 162 11 0 0  300 144 12 0 0  342 140 11 0 0  142 202 12 0 0  85 316 19 0 0  77 339 22 0 0  127 237 12 0 0  174 191 13 0 0  1488 1731 112 0 0  MDNTH: FEB  122 267 3 0 0  166 237 1 0 0  96 342 13 0 0  48 437 33 0 0  40 458 34 0 0  57 370 11 0 0  83 311 5 0 0	241 162 11 0 0 930  300 144 12 0 0 930  342 140 11 0 0 927  142 202 12 0 0 927  85 316 19 0 0 927  77 339 22 0 0 929  127 237 12 0 0 930  174 191 13 0 0 930  1488 1731 112 0 0 7430  MDNTH: FEB  122 267 3 0 0 849  166 237 1 0 0 849  96 342 13 0 0 849  48 437 33 0 0 849  40 458 34 0 0 849  83 311 5 0 0 849

**WET BULB TEMPERATURE SUMMARY** OPERATING LOCATION WAW FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NC STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA PERIO LST TO UTC: + 6 MONTH MEAN NUMBER OF HOUR HOURS MEAN STANDARD TOTAL LST DEVIATION DBS LE 32 **G**É 50 00-02 9.397 930 22 50.4 476 03-05 49.2 10.148 930 39 423 10.238 930 442 06-08 49.4 41 9.050 09-11 54.3 930 529 12-14 56.7 8.526 930 5 751 15-17 57.1 8.245 929 6 763 18-20 54.6 8.411 930 666 21-23 52.2 8.818 930 11 563 ALL HOURS 9.595 7439 138 4713 HONTH 00-02 56.2 8.188 900 0 675 03-05 54.8 900 5 **634** 3.621 900 3 691 06-08 56.2 8.517 828 09-11 60.9 7.500 900 0 Ō 856 12-14 62.7 7.167 900 Ö 15-17 62.6 7.003 900 856 0 826 18-20 60.3 7.207 900 900 753 21-23 58.0 7.641

ALL

HOURS

59.0

8.273

7200

6119

# WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

E - 5 - 2 - 2

IGLAND AFB LA			D OF REG	CORD: NO	IV 78 - 00	1 88	
	MEAN NUMBER			TEMPEDATI	DEC DEC E	TOTAL	· · · · · · · · · · · · · · · · · · ·
		GE 50			GE 80		
	22	476	44	0	0	930	
	39	423	43	0		930	
				_	•		
	41	442	43	0	0	930	
The state of the s	7	529	90	6	0	930	
···· .	5	751	127	13	0	930	
	6	763	130	9	0	929	·
	7	666	85	1	0	930	
	11	563	57	0	<u> </u>	930	
	138	4713	619	29	0	7439	
• • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • • •	••••••	*****	
		HONTH	: APR				
	0	675	100	0	0	900	
	5	634	77	0	0	900	
	3	691	109	2		900	·
44		828	256	27		900	
	0	856	317	60	0	900	
	0	856	309	57	0	900	The second of th
	σ-	826	195	17	0	900	
	0	753	130	<u> </u>	0	900	
	8	6119	1493	164	0	7200	
• • • • • • • • • • • • •		******	*****			*****	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

#### FROM HOURLY OBSERVATIONS

STATION N	1UMBER:		ATION NAME T TO UTC:		PERIOD MONTH:
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBE LE 32	ER OF HOURS, Z GE 50 (
			232		AAE
00-02	62.5	5.:43	930	0	905
03-05	61.4	6.171	930		881
06-08	63.7	5.986	930	0	911
09-11	68.0	5.362	930	0	930
12-14	69.2	4.941	930	···· 0	930
15-17	68.8	4.774	930	0	930
18-20	66.7	5.031	930	0	930
21-23	64.3	5.348	930	0	928
ALL Hours	65.6	6.133	7440	0	7345
• • • • • • • •	• • • • • • •	••••••		••••••	,
					MÖNTH:
00-02	68.9	4.467	900	0	900
03-05	67.9	4.865	900	0	899
06-08	70.4	4.685	900	· · · · · · · · · · · · · · · · · · ·	900
09-11	74.1	3.969	900	0	900
12-14	74.7	3.879	900	0	900
15-17	74.3	3.739	900	,	900
18-20	72.4	3.804	900	· · · · · · · · · · · · · · · · · · ·	900
21-23	70.3	4.101	900	0	900
ALL HOURS	71.6	4.829	7200	0	7199

## FROM HOURLY OBSERVATIONS

ENGLAND AFB LA		PERIOD MONTH:		ECORD:	87 VCN	OCT 8	8	
• • • • • • • • • • • • • • •	MEAN NUMBER		• • • • •	TEMPERA	TURES DE	G F T	DTAL	
···					GE 80	) н	DURS	
	0	905	240	13	3 (	)	930	
	0	881	201		5 (	)	930	
	0	911	346	40	) (	<del>)</del>	930	
	0	930	615	212	2 (	)	930	<del></del>
en e	0	930	671	272	2 - 2		930	
<del></del>	<u>O</u>	930	656	236	·	<u></u>	930	
	0	930	533	103	3	)	930	
	0	928	370	28	3 0	)	930	
	0	7345	3632	910	) 4		7440	
		MONTH:	JIIN					
		• • • • • • • •	• • • • •	• • • • • •	• • • • • •		• • • •	
	0	900	689	169	0	)	900	
	0	899	624	137	C	)	900	
	0	900	743	339	3		900	
	0	900	849	645	34		900	
	0	900	864	669	65	<del></del>	900	
e e e e e e e e e e e e e	0	900	866	637	53		900	
	0	900	827	498	10		900	<del>-</del>
	0	900	767	283	3	,	900	
e et la companya de l	0	7199	6229	3377	168		7200	
• • • • • • • • • • • • •	• • • • • • • • • • • • •	••••••	• • • • •	•••••	******	• • • • • •	• • • •	

E - 5 - 2 - 3

OPERATING LOCATION "A" **WET BULB TEMPERATURE SUMMARY** USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA PERI LST 10 UTC: + 6 MONT HOURS TOTAL MEAN NUMBER OF HOU STANDARD LE 32 **GE** 50 LST DEVIATION OBS 00-02 71.9 2.520 930 930 03-05 71.1 2.638 930 0 930 06-08 73.0 2.879 930 930 09-11 76.9 2.246 930 0 930 930 12-14 77.3 2.335 Ó 930 15-17 76.6 2.445 930 930 18-20 74.9 2.574 930 0 930 21-23 2.523 930 73.0 Ò 930 ALL HOURS 74.3 3.405 7440 7440 MONTH 00-02 72.1 3.039 930 930 03-05 71.2 3.170 930 930 ō 72.7 3.486 0 06-08 930 930 09-11 76.9 2.980 930 Ō 930 12-14 77.5 2.849 930 0 930 76.7 15-17 2.903 930 0 930 18-20 2.913 75.0 930 Õ 930 21-23 930 73.2 2.991 930 0 ALL HOURS 3.797 7440

#### FROM HOURLY OBSERVATIONS

LAND AFB LA			OD OF REC	ORD: NO	v 78 - DC	T 88	
ME	AN NUMBER			EMPERATU			
	LE 32	GE 50	GE 67	GE 73	GE 80	HOURS	
***********	0	930	898	413	0	930	
	•	730	0,0	413	J	750	
- 1-11-11	0	930	874	294	0	930	
- 2 A Mart 1 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	0	930	900	566	5	930	· · · · · · · · · · · · · · · · · · ·
	0	930	930	895	110	930	
	0	930	930	899	164	930	
· · · - · · · - · · · - · · · - · · · · - · · · · · · · · · · · · · · · · · · · ·	0	930	930	864	116	930	
	0	930	929	765	24	930	
·-·	0	930	917	598	2	930	
	0	7440	7308	5294	421	7440	
	• • • • • • • •	••••••	•••••	•••••	• • • • • • • •	•••••	
		MONTH	: AUG				
	0	930	885	474	0	930	
	0	930	865	338	0	930	
	0	930	887	529	7	930	
	0	930	924	854	144	930	
	0	930	925	878	225	930	
	0	930	927	847	140	930	
· · · · · · · · · · · · · · · · · · ·	Ō	930	921	762	43	930	
	0	930	908	818	3	930	
	0	7440	7242	5300	562	7440	

E-5-2-4

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

### FROM HOURLY OBSERVATIONS

STATION	NUMBER: 7		TION NAME: TO UTC: +	ENGLAND AFB LA 6		PERIOD MONTH:
HOURS	MEAN	STANDARD	TOTAL	MEAN		DF HOURS GE 50
LST		NCITAIVED	DBS		LE 32	GE 50
00-02	66.2	6.649	900		0	879
00 02	5542	3.317	700		•	•
03-05	65.1	7.089	900		0	865
06-08	66.6	7.023	900		0	878
09-11	72.0	5.929	900		0	900
12-14	72.9	5.385	900		- <b>o</b>	900
15-17	72.0	5.106	900		Ö	900
18-20	69.5	5.651	900		0	897
21-23	67.4	6.196	900		· · · · · · · · · · · · · · · · · · ·	892
ALL HDURS	69.0	6.751	7200		0	7111
					•••••	• • • • • • • •
						MONTH:
00-02	57.5	9.420	930		····i	697
03-05	56.3	10.118	930		4	639
06-08	57.1	9.946	930		<b>3</b> -	688
09-11	62.8	8.020	930			883
12-14	64.7	7.721	930		0	904
15-17	64.3	7.623	930		0	899
18-20	61.2	8.251	927		· · · · · · · · · · · · · · · · · ·	845
21-23	58.9	8.753	927		0	773
ALL Hours	60.3	9.290	7434		8	6328

	T 88	78 - OC	ORD: NOV		PERIO MONTH		IGLAND AFB LA
	TOTAL HOURS	ES DEG F		S WITH TO	OF HOUR	MEAN NUMBER	• • • • • • • • • • • • • •
	900	0	131	533	879	0	• • • • • • • • • • • • •
	900	0	86	481	865	- · · · · · · · · · · · · · · · · · · ·	
	900	0	190	548	878	0	
	900	24	526	747	900	0	
	900	38	561	796	900	<b>o</b>	
	900	10	498	786	900		
	900	0	342	681	897	0	
	900	. O	193	591	892		
	7200	72	2527	5163	7111	0	
					MONTH		
-	00000	• • • • • • • •	29	• • • • • • •	• • • • • • •	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • •
	930	0	41	174	639	4	•
	930	0	45	193	688	3	
	930	<u> </u>	118	350	883		
	930	2	183	407	904	o	
						and the second second second	
	930	1	152	401	899	0	
	930 927	_				0	
		_					

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

STATION	NUMBER:		STATION NAME: ENGL LST TO UTC: + 6	AND AFB LA	PERIOD HONTH:
HOURS LST	MEAN	STANDARD DEVIATIO		MEAN NUMBER LE 32	OF HOURS
00-02	50.5	10.505	900	33	463
03-05	49.5	10.965	900	57	435
06-08	49.4	10.882	900	51	431
09-11	54.4	9.734	900	6	605
12-14	57.1	9.198	900	0	687
15-17	56.8	9.031	900	2	678
18-20	53.6	9.409	900	<b>T</b>	569
21-23	51.7	9.960	900	10	503
ALL	52.9	10.422	7200	166	4371
					MONTH:
00-02	44.0	11.963	930	139	287
03-05	42.9	12.333	930	179	254
06-08	42.5	12.471	930	203	251
09-11	46.9	11.568	930	85	337
12-14	50.2	11.244	930	53	435
15-17	50.3	11.002	930	46	443
18-20	47.2	11.144	929	63	349
21-23	45.2	11.435	929	102	302
ALL HOURS	46.2	11.985	7438	870	2668

 T 85	78 - DC	VCN : GR		PERIOD HTMOM		ND AFB LA
TOTAL SAUCH	S DEG F		WITH TE	OF HOURS	MEAN NUMBER LE 32	• • • • • • • • • •
 900	0	0	49	463	33	
900	0	0	63	435	57	
900	0	o	56	431	51	
 900	0	7	129	605	6	
900	0	16	179	687	0	
900	0	12	162	678	2	
 900	0	3	71	569	····	
900	0	o	40	503	10	
 7200	0	38	749	4371	166	
•••••	•••••	• • • • • • • •	DEC	MONTH	• • • • • • • • • • • •	• • • • • • • • • • •
930	0	0	36	287	139	• • • • • • • • •
 930	0	0	39	264	179	
930	0	0	41	251	203	
930	0	2	60	337	85	
 930	0	4	98	435	53	
930	0	3	91	443	46	
929	0	0	42	349	63	
 929	0	0	32	302	102	
7438	0	9	439	2668	870	

## OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

STATION	NUMBER:		ST TO UTC: +	ENGLAND AFB LA		PERIT MONTH
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS		MEAN NUMBER LE 32	DF HOUR GE 50
00-02	57.0	13.795	10959		558	7571
03-05	55.9	14.105	10959		743	7294
06-08	56.8	14.852	10956		809	7429
09-11	61.3	14.344	10956		336	8416
12-14	63.2	13.271	10956		191	8976
15-17	63.0	12.806	10957	_	171	9026
18-20	60.5	13.287	10955	<u> </u>	261	8449
21-23	58.4	13.489	10955		380	7976
ALL HOURS	59.5	14.019	87653		3449	65137

AFB LA			PERIOD :		CORD: NO	)V 78 - 00	T 88	
• • • • • • • •	MEAN NUI	BER (	OF HOURS	WITH	TEMPERATI	JRES DEG I	TOTAL	
10.000000000000000000000000000000000000	LE			GE 67	GE 73	GE 80	HOURS	
• • • • • • • •	55	8	7571	3690	1229	0	10959	
	70	• 3	7294	3455	902	0	10959	
-	80	)9	7429	3878	1711	15	10956	
	33	36	8416	4975	3292	312	10956	
	19	91	8976	5366	3555	496	10956	
	17	71	9026	5314	3315	322	10957	
	20	51	8449	4614	2542	77	10955	
	38	30	7976	4061	1747	8	10955	
	344	9 (	55137	35353	18293	1230	87653	
		••••		• • • • •				<del></del>

- 1860	OPERATING USAFETAC,				DEN POINT TEMPERATURE FROM HOURLY OBSER	
	STATION N	UMBER:	<b>L</b>	ST TO UTC: +	ENGLAND AFB LA	P M
	HOURS	MEAN	STANDARD	TOTAL	MEAN NUMBI	ER OF 7 GE
	LST		DEVIATION	N OBS	LE 6	/ 00
	00-02	34.2	12.679	930	274	3
	03-05	33.3	12.789	930	311	3
	06-08	33.1	12.980	927	337	3
	09-11	35.6	13.146	927	243	4
	12-14	36.8	13.571	927	227	4
	15-17	36.7	13.588	929	252	4
ميد و دسته د	18-20	36.1	13.137	930	241	4
	21-23	35•3	12.858	930	246	3
	ALL HOURS	35.1	13.186	7430	2131	30
		•••••				•••••
	•••••		••••		•••••	М
	00-02	39.2	12.997	849	181	4
	03-05	38.6	12.974	849	191	4
	06-08	38.2	12.913	849	192	4
	09-11	40.4	13.449	849	157	5
	12-14	41.3	13.654	849	134	5
	15-17	41.1	13.451	849	143	5
	18-20	40.5	12.953	849	149	5
	21-23	40.0	12.692	849	150	
	ALL				والمراب المناسبة والمناسبين والمناسبين والمراب والمراب والمناسبين والمراب والمراب والمراب والمناسبين والمراب و	

and the second of the second o

Ļ

# DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

ENGLAND AFB LA				ORD: NOV 7	8 - OCT 88	<del></del>
6	<u> </u>	IONTH:	JAN			- · · · · · · · · · · · · · · · · · · ·
MEAN NU	JMBER OF	HOURS	WITH 1	EMPERATURES	DEG F TOTAL	
LE	27 GE	37 (	LE 55	GE 65	HOURS	
,		348	071	12	930	
2	274	940	871	12	730	
3	311	27	876	14	930	
3	337 3	18	867	10	927	
2	243 4	09	856	13	927	
2	27 4	36	831	13	927	
2	252 4	35	833	12	929	
2	41 4	17	850		930	·-·
2	246 3	88	364	12	930	
21	31 30	78	6848	97	7430	
		IONTH:	FFR			
••••••	· · · · · · · · · ·			•••••	• • • • • • • • • • •	
I	.81 4	76	740	6	849	-
I	.91 4	65	751	7	849	<del></del>
1	92 4	64	753	5	849	
	.57 5	06	714	11	849	
1	34 5	19	685	17	849	<del></del>
·	43 5	16	699	17	849	:=
	49 5	03	728		849	
T	50 4	91	736	7	849	
12	97 39	40	5806	77	6792	

F - 5 - 3 - 1

OPERATING LOCATION "A" DEW POINT TEMPERATURE SUMMARY USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA PERIOD LST TO UTC: + 6 HDNTH: **STANDARD** HOURS MEAN TOTAL MEAN NUMBER OF HOURS LST DEVIATION DBS GE 37 LE 27 00-02 11.301 930 46.4 42 753 45.7 11.702 03-05 930 58 721 930 52 06-08 46.0 11.811 726 09-11 48.2 12.050 930 48 763 930 759 12-14 48.1 12.161 44 15-17 47.6 12.170 929 42 754 18-20 47.3 11.587 930 769 46 930 21-23 47.2 11.027 34 766 ALL HOURS 47.1 7439 6011 366 HTHOM: 52.7 00-02 9.682 900 849 03-05 51.7 10.045 900 B 839 06-08 52.9 10.006 5 900 842 09-11 5 845 54.7 10.379 900 54.3 12-14 845 10.647 900 5 7 15-17 53.8 10.506 900 851 3 18-20 53.8 9.771 900 862 21-23 53.7 866 9.346 900 T ALL HOURS 53.4 7200 38 6799 10.108

## DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

ME: ENGLAND AFB LA		PERIO	OF RE	CORD: NOV	78 - DCT 88	
;: + 6		HTHOM				<del></del>
,	AN NUMBER	DE HOUR	HITH 2	TEMPERATUR	ES DEG F TOTAL	
	LE 27	GE 37	LE 55	GE 65	HOURS	
,		723	700	43		<del></del>
	42	753	709	43	930	
The state of the s	58	721	707	42	930	
	52	726	696	45	930	
	48	763	635	74	930	<del>-</del>
	44	759	629	69	930	
	42	754	645	70	929	
	46	769	673	48	930	<del></del>
	34	766	697	51	930	
	366	6011	5391	442	7439	
	•••••			*******	• • • • • • • • • • • • •	<del></del>
		MONTH	APR			
	4	849	515	93	900	
'	•	077	213	73	700	
	8	839	551	78	900	·
	5	842	508	108	900	
1	5	845	433	187	900	
1	5	845	458	181	900	
1	7	851	468	151	900	
1	3	862	460	129	900	
,	1	856	487	112	900	
	20	4700	3000	1020	7200	
	38	6799	3880	1039		
			, <del></del>			

OPERATING LOCATION "A" DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA PERI LST TO UTC: + 6 ITHOM HOURS MEAN STANDARD TOTAL MEAN NUMBER OF HOU! DEVIATION LST OBS LE 27 **GE 37** 6.284 930 0 930 00-02 60.0 59.2 03-05 6.733 930 0 930 Õ 6.773 06-08 61.2 930 930 09-11 63.0 7.273 Ō 930 930 62.5 7.413 12-14 930 0 930 61.6 7.324 930 0 930 15-17 18-20 61.5 6.736 930 0 930 21-23 61.0 6.354 930 0 930 ALL HOURS MONT 66.9 5.202 900 00-02 0 900 03-05 66.2 5.489 900 Ō 900 06-08 68.3 5.286 900 0 900 09-11 5.477 900 0 900 69.9 12-14 69.0 5.740 900 ō 900 59.4 5.819 900 15-17 900 0 0 18-20 67.9 5.433 900 900 21-23 67.6 4.945 900 O 900 ALL HOURS 68.0 5.587 7200 0 7200

E - 5 - 3 - 3

# DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

: ENGLAND AFB LA				ORD: NOV 7	'8 - OCT 88	
+ 6		MONTH	: MAY			
	MEAN NUMBER				DEG F TOTAL	
	LE 27	GE 37	LE 55	GE 65	HOURS	73-1-
• • • • • • • • • • • • • • • • • • • •	0	930	212	247	930	<del></del>
	0	930	250	239	930	
	0	930	202	348	930	
	0	930	164	463	930	
	o	930	164	435	930	
						·
	0	930	194	392	930	
	0	930	186	365	930	
		930	100		930	
		930	189	321	730	
	0					
						<u>-</u>
	0	7440	1561	2810	7440	
•••••••		7440	• • • • • • •	2810	7440	
•••••••		7440	1561 	2810		
	0	7440 MONTH	: JUN		•••••	
	0	7440 MONTH 900	JUN 30	652	900	
	0	7440 MONTH	: JUN		•••••	
	0	7440 MONTH 900 900	30 52	652 624	900	
	0	7440 MONTH 900 900	30 52 25	652 624 713	900 900 900	
	0	7440 MONTH 900 900	30 52	652 624	900	
	0	7440 MONTH 900 900 900	30 52 25	652 624 713	900 900 900	
	0 0 0 0	7440 MONTH 900 900 900 900	30 52 25 24	652 624 713 771 735	900 900 900 900 900	
	0 0 0 0	7440 MONTH 900 900 900	30 52 25	652 624 713 771	900 900 900 900	
	0 0 0 0	7440 MONTH 900 900 900 900	30 52 25 24 33	652 624 713 771 735	900 900 900 900 900	
	0 0 0 0 0	7440 MONTH 900 900 900 900 900	30 52 25 24 33 36 33	652 624 713 771 735 710 701	900 900 900 900 900 900	
	0 0 0 0	7440 MONTH 900 900 900 900 900	30 52 25 24 33	652 624 713 771 735 710	900 900 900 900 900 900	
	0 0 0 0 0	7440 MONTH 900 900 900 900 900	30 52 25 24 33 36 33	652 624 713 771 735 710 701	900 900 900 900 900 900	

E - 5 - 3 - 3

	TING LOCATI			DEW POINT TEMPERATURE SE FROM HOURLY OBSERVAT				
STATIC	ON NUMBER:		STATION NAME: ENGLIST TO UTC: + 6	GLAND A) B LA				
HOURS	MEAN	STANDARD	TOTAL	MEAN NUMBE				
LST		DEVIATIO	ON DBS	LE 27				
00-02		2,747		0				
03-05	69.4	2.980	930	0				
06-08	71.2	3.016	930	0				
09-11	73.2	2.810	930	0				
12-14	72.1	3.231	930	0				
15-17	71.3	3.256	930	0				
18-20	71.0	2.922	930	0				
21-23	70.6	2.888	3 930	0				
ALL	71.1	3.266		0				
		• • • • • • • • •	) • • • • • • • • • • • • • • •	•••••••				
	• • • • • • • • •	• • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •				
00-02	70.4	3.868	930	0				
03-05	69.7	3.909	930	0				
06-08	71.0	3.973	930	0				
09-11	73.5	3.927	930	0				
12-14	72.4	3.962	930	0				
15-17	71.5	3.825	930	0				
18-20	71.7	3.787	930	0				
21-23	71.1	3.719	930	0				
ALL	71.4	4.075	5 7440	0				

ا در المنظم ا المنظم المنظ

E - 5 - 3 - 4

The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s

PRUM MUURE	Y OBSERVA	TIONS				
AFB LA		PERIOD MONTH:	OF REC	ORD: NOV 7	- DCT 88	
ME	AN NUMBER			EMPERATURES		•
	LE 27	GE 37	LE 55	GE 65	HOURS	
	0	930	0	881	930	
	0	930	0	867	930	
	0	930	0	903	930	
	0	930	0	928	930	
	0	930	0	912	930	
	0	930	0	899	930	
	0	930	0	898	930	
	0	930	0	887	930	<del></del>
	0	7440	0	7175	7440	
		MANTIL	******	• • • • • • • • • • • • •		
		MONTH:	AUG			
	0	930	6	868	930	
- <del> </del>	0	930	6	856	930	<del> </del>
	0	930	7	879	930	
	0	930	3	902	930	
	0	930	3	884	930	
	0	930	3	877	930	
	0	930	3	889	930	
	0	930	5	882	930	
in the second section of the section of the second section is a second section of the section	0	7440	36	7037	7440	

E-5-3-4

		G LOCATIO			DEW POINT TEMPERATURE SUMMARY						
		, ASHEVII			FROM HOURLY OBSERVATIONS						
	STATION	NUMBER:		STATION NAME: LST TO UTC: +	ENGLAND AFB LA 6		PER I				
	HOURS	MEAN	STANDARD	TOTAL	• • • • • • • • • • • • • • • • • • • •	MEAN NUMBER	OF HOU				
	LST	· · · · · · · · · · · · · · · · · · ·	DEVIATION			LE 27					
	00-02	64.3	7.235	900	• • • • • • • • • • • • • • • • • • •	0	900				
	03-05	63.3	7.699	900		0	900				
	06-08	64.6	7.693	900		Ó	900				
	09-11	67.6	7.617	900		0	900				
	12-14	66.6	7.595	900		0	900				
	15-17	65.5	7.499	900		0	900				
	18-20	65.7	6.808	900		0	900				
	21-23	64.9	6.969	900		0	900				
	ALL HOURS	65.3	7.532	7200		0	7200				
	•••••	• • • • • • •	• • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••					
							HONT				
	00-02	55.1	10.375	930		0	892				
	03-05	54.1	10.948	930		2	880				
	06-08	54.7	10.840	930		2	888				
	09-11	57.3	10.713	930		1	904				
<del></del>	12-14	56.5	11.658	930		5	879				
	15-17	55.9	11.699	930	•	6	871				
	18-20	56.6	10.194	927			901				
	21-23	55.9	9.848	927		0	899				
	ALL HOURS	55.8	10.861	7434		17	7114				

Ĺ

•

(

	TEMPERATURE DURLY OBSERVA					
LA		PERIO MONTH		CORD: NOV	78 - OCT 88	
••••	MEAN NUMBER	OF HOUR	S WITH	TEMPERATUR	ES DEG F TOTAL	
	LE 27	GE 37	LE 55	GE 65	HOURS	
••••	0	900	112	519	900	
	0	900	150	486	900	
	0	900	127	533	900	
	0	900	78	647	900	
	0	900	82	606	900	
=	0	900	97	578	900	
	0	900	80	585	900	
	0	900	102	560	900	
	0	7200	828	4514	7200	
• • • • •		• • • • • • •	• • • • • •	••••••	• • • • • • • • • • • • •	
		HTMOM	: OCT			
	0	892	452	213	930	
	2	880	483	192	930	
	2	888	471	215	930	
	1	904	404	303	930	<u>.</u> .
	5	879	408	296	930	
<u>.</u>	6	871	428	274	930	
	I	901	422	268	930	
	0	899	433	236	930	
	17	7114	3501	1997	7434	
• • • • •		• • • • • • •	• • • • • •	••••••		

# OPERATING LOCATION "A" USAFETAC. ASHEVILLE NC

## DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:		TO UTC: +	ENGLAND AFB LA		PERIOD MONTH:
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL DBS		MEAN NUMBER LE 27	GE 37
00-02	47.1	11.939	900		35	689
03-05	46.2	12.356	900		53	677
06-08	46.2	12.190	900		58	686
09-11	49.1	12.028	900		34	754
12-14	49.2	12.664	900		48	736
15-17	48.6	12.756	900		56	709
18-20	48.7	11.587	900		23	737
21-23	47.9	11.607	900		31	714
ALL HOURS	47.9	12.218	7200		338	5702
•••••	•••••		••••••	• • • • • • • • • • • • • •	••••••	• • • • • • • •
						MONTH:
00-02	39.7	14.138	930		145	476
03-05	38.8	14.428	930	·	177	445
06-08	38.5	14.585	930		186	460
09-11	41.2	14.504	930	· · · ·	125	561
12-14	42.1	14.914	930		124	585
15-17	41.9	14.925	930		139	565
18-20	41.2	14.170	929		132	541
21-23	40.4	13.908	929		143	512
ALL HOURS	40.5	14.514	7438		1171	4145

### DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

LAND AFB LA			D OF RE	CORD: NOV 78 -	OCT 88	
		OF HOUR	LE 55		HOURS	
	35	689	643	59	900	
	53	677	656	64	900	
	58	686	668	65	900	
	34	754	613	109	900	
	48	736	578	115	900	
	56	709	586	91	900	
	23	737	501	58	900	
	31	714	624	51	900	
	338	5702	4969	612	7200	/ <b></b>
••••••		MONTH	. Oce	· • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	
		MUNIA	I: DEC			
	145	476	774	46	930	
	177	445	785	45	930	
	186	460	781	43	930	
	125	561	750	55	930	
	124	585	705	65	930	
	139	565	716	56	930	
	132	541	735	42	930	
t i varia anna anna con a	143	512	764	34	930	
	1171	4145	6010	386	7438	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

1

I

1

(

### DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	747540 S	TATION NAME: +	ENGLAND 6	AFB	LA		PER I MONT
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL DBS				MEAN NUMBER LE 27	
00-02	53.9	15.549	10959	• • • • • • • •		•••	681	9073
03-05	53.1	15.756	10959				800	8944
06-08	53.9	16.387	10956			-	832	8974
09-11	56.2	16.361	10956				613	9332
12-14	56.0	15.987	10956				587	9349
15-17	55.4	15.767	10957				645	9291
18-20	55.3	15.483	10955				595	9320
21-23	54.7	15.372	10955				605	9226
ALL Hours	54.8	15.870	87653				5358	73509
• • • • • • •	, • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • •	• • • • • • • •	• • • • •		• • • • • • • • • • • • • •	

E - 5 - 3 - 7

## FROM HOURLY OBSERVATIONS

AND AFB LA	PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: ALL								
	MEAN NUMBER			TEMPERATURES	DEG F TOTAL HDURS				
	681	9073	5064	3639	10959				
	800	8944	5267	3514	10959				
	832	8974	5105	3867	10956				
	613	9332	4674	4463	10956	<del></del> -			
	587	9349	4576	4328	10956				
	645	9291	4705	4127	10957				
	595	9320	4771	4001	10955				
<del>-</del>	605	9226	4924	3854	10955				
	5358	73509	39086	31793	87653	<del></del>			

	NG LOCATI C, ASHEVI			CUMULA	TIVE PER		FREQUENC IRLY DBSE	
STATION	NUMBER:	747540	STATION LST TO	NAME: E	NGLAND A			PE M(
HOURS	10%	20%	RELAT		DITY GRE			AL TO
•••••	• • • • • • • •	• • • • • • •			• • • • • • •		• • • • • • •	• • • • • •
00-02	100.0	100.0	99.6	97.3	91.5	81.5	60.8	33.3
03-05	100.0	100.0	99.5	97.8	93.2	85.2	65.6	36.6
06-08	100.0	100.0	99.5	98.7	94.0	86.6	54.9	37.6
09-11	100.0	99.8	98.6	93.6	83.1	67.2	47.9	26.0
12-14	100.0	99.6	92.2	78.2	62.5	43.8	30.1	16.1
15-17	100.0	99.6	89.1	72.6	56.3	39.3	26.3	13.3
18-20	100.0	100.0	98.9	90.5	78.4	59.0	40.4	22.3
21-23	100.0	100.0	99.4	96.7	89.2	75.6	52.4	27.7
ALL HOURS	100.0	99.9	97.1	90.7	81.0	67.3	48.5	26.6
•••••								
								,
00-02	100.0	99.6	99.1	98.7	93.6	83.0	64.7	38.5
03-05	100.0	100.0	100.0	99.2	95.6	86.1	72.3	43.3
06-08	100.0	100.0	100.0	99.6	96.1	86.1	73.6	44.1
09-11	100.0	100.0	99.4	94.0	84.2	66.8	47.8	28.4
12-14	100.0	100.0	93.8	79.4	63.6	44.1	29.3	16.1
15-17	100.0	99.6	90.6	72.6	57.1	39.3	24.9	14.6
18-20	100.0	99.4	98.2	90.5	75.4	57.0	37.6	20.6
21-23	100.0	99.5	98.9	98.4	92.3	74.9	52.9	31.2
ALL HOURS	100.0	99.8	97.5	91.5	82.3	67.2	50.4	29.6

1

1

and the second of the second o

# IVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

GLAND AFB LA

			MO	INTH: JAN			
	REATER THA			•••••	••••••	•••••	
50%	60%	70%	80%	90%	MEAN	TOTAL OBS	
01 6	01 5	40.0	73 3	•••••	•••••	******	
91.5	81.5	60.8	33.3	10.1	71.7	930	
93.2	85.2	65.6	36.6	11.7	73.5	930	
94.0	86.5	54.9	37.6	12.0	74.0	927	
83.1	67.2	47.9	26.0	8.8	67.0	927	
62.5	43.8	30.1	16.1	5.6	57.3	927	
56.3	39.3	26.3	13.3	4.5	54.8	929	
78.4	59.0	40.4	22.3	6.9	64.0	930	
89.2	75.6	52.4	27.7	8.3	69.4	930	·····
81.0	67.3	48.5	26.6	8.5	69.4	7430	
• • • • •	• • • • • • • • •	••••••	•••••	• • • • • • •	•••••	••••••	
		•••••	М	ONTH: FE	8		
93.6	83.0	64.7	38.5	12.4	73.6	849	
95.6	86.1	72.3	43.3	13.0	75.4	849	
96.1	86.T	73.6	44.1	13.9	75.8	849	
84.2	66.8	47.8	28.4	9.1	67.4	849	
63.6	44.1	29.3	16.1	5.2	57.6	849	
57.1	39.3	24.9	14.6	5.2	54.8	849	
75.4	57.0	37.6	20.6	6.5	63.1	849	Control Company of Propagation Control
92.3	74.9	52.9	31.2	10.2	70.3	849	
32.3	67.2	50.4	29.6	9.4	70.3	6792	

PERIOD OF RECORD: NOV 78 - OCT 88

USAFETAC	G LOCATI	LLE NC		3332			RLY OBSE	
STATION	NUMBER:	747540	STATION LST TO	NAME: E	NGLAND A	FB LA		,
HOURS	•••••	••••••	RELAT	IVE HUMI	DITY GRE	ATER THA	N DR EQU	AL TO
LST	10%		30%	40%	50%	60%	70%	80%
00-02	100.0	100.3	100.0	99.7	96.1	88.4	70.3	39.6
03-05	100.0	100.0	100.0	99.9	98.0	94.1	78.0	49.1
06-08	100.0	100.0	100.0	99.6	98.0	92.9	78.4	50.4
09-11	100.0	100.0	99.0	91.6	78.5	62.8	43.3	22.3
12-14	100.0	100.0	93.0	76.3	54.4	36.0	22.5	11.4
15-17	100.0	99.5	89.0	68.5	47.6	30.6	18.3	10.0
18-20	100.0	99.8	97.7	88.5	70.5	49.0	29.4	13.2
21-23	100.0	100.0	99.9	98.8	92.2	76.7	51.7	26.5
ALL HOURS	100.0	99.9	97.3	90.4	79.4	66.3	49.0	27.8
	. • • • • • • • • • •		• • • • • • • •	•••••				
00-02	100.0	100.0	99.9	99.6	98.3	92.6	76.9	44.9
03-05	100.0	100.0	100.0	99.8	98.7	95.0	82.2	52.8
06-08	100.0	100.0	100.0	99.4	98.1	93.2	78.4	49.1
09-11	100.0	100.0	99.2	91.1	74.4	57.7	36.2	12.7
12-14	100.0	100.0	91.6	72.7	53.3	32.6	17.0	6.4
15-17	100.0	100.0	90.6	68.2	48.8	30.0	16.6	8.0
18-20	100.0	100.0	98.4	90.9	74.8	53.2	30.0	11.6
21-23	100.0	100.0	99.9	99.7	96.7	84.0	58.2	25.2
ALL HOURS	100.0	100.0	97.4	90•2	80.4	67.3	49.4	26.3

1E	PERCENTAGE	FREQUENCY	OF	DCCURRENCE	OF	RELATIVE	HUMIDITY
	FROM HOL	URLY OBSER	VAT	LONS			

AND AFB LA

			MO	NTH: MAR			
	ATER THA			•••••	• • • • • • • •	•••••	
50%	60%	70%	80%	90%	MEAN	TOTAL OBS	
	•••••	•••••	******	•••••	******	• • • • • • • • • • • • • • • • • • • •	
96.1	88.4	70.3	39.6	10.5	74.9	930	
<del>3</del> 8.0	94.1	78.0	49.1	15.3	77.9	930	
98.0	92.9	78.4	50.4	17.0	78.0	930	
78.5	62.8	43.3	22.3	5.7	64.9	930	
54.4	36.0	22.5	11.4	2.4	54.0	930	
47.6	30.6	18.3	10.0	2.7	51.1	929	
70.5	49.0	29.4	13.2	4.8	59.8	930	
92.2	76.7	51.7	26.5	7.1	69.7	930	
79.4	66.3	49.0	27.8	8.2	69.7	7439	
			м	ONTH: AP	R		
98.3	92.6	76.9	44.9	10.1	76.5	900	
70.3	92.0	10.7	44.7	10.1	10.5	700	
98.7	95.0	82.2	52.8	16.7	78.8	900	
98.1	93.2	78.4	49.1	15.2	77.6	900	
74.4	57.7	36.2	12.7	2.6	61.8	900	
53.3	32.6	17.0	6.4	1.1	52.1	900	
48.8	30.0	16.6	8.0	1.3	50.8	900	
74.8	53.2	30.0	11.6	2.8	60.7	900	
96.7	84.0	58.2	25.2	5.6	71.3	900	
80.4	67.3	49.4	26.3	6.9	71.3	7200	

PERIOD OF RECORD: NOV 78 - OCT 88

E - 6 - 2

STATION	NUMBER:	747540	STATIO	N NAME:	ENGLAND	AFB LA	· · · · · · · · · · · · · · · · · · ·		RIUD
			L31 10	UTC: +	6			M	ONTH: 1
HOURS						EATER TH			
LST	10%	20%	30%	40%	50%	60%	70%	80%	90!
00-02	100.0	100.0	100.0	100.0	100.0	99.2	89.8	57.5	13.
03-05	100.0	100.0	100.0	100.0	100.0	99.5	95.6	67.8	25.1
06-08	100.0	100.0	100.0	100.0	99.7	97.4	86.6	56.3	18.
9-11	100.0	100.0	99.7	96.0	85.2	65.1	37.6	12.3	1.
12-14	100.0	100.0	98.0	87.4	64.4	36.5	15.9	4.5	1.
15-17	100.0	100.0	97.4	82.5	56.9	31.9	15.2	6.3	• 1
8-20	100.0	100.0	100.0	96.3	84.7	61.4	34.9	12.7	2.
21-23	100.0	100.0	100.0	100.0	99.2	93.1	72.0	34.6	6.
ALL HOURS	100.0	100.0	99.4	95.3	86.3	73.0	56.0	31.5	8.
• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • •
									HTWOP:
0-02	100.0	100.0	100.0	100.0	100.0	99.2	94.1	65.2	50.
03-05	100.0	100.0	100.0	100.0	100.0	99.8	98.1	77.2	34.
06-08	100.0	100.0	100.0	100.0	99.9	98.6	90.6	60.2	19.
09-11	100.0	100.0	100.0	98.3	91.2	69.7	40.4	9.9	1.
12-14	100.0	100.0	99.6	90.8	70.2	39.0	17.7	4.7	•
15-17	100.0	100.0	99.3	87.8	64.1	38.3	19.8	6.6	1.
18-20	100.0	100.0	99.6	96.9	86.4	65.1	39.2	16.2	2.
21-23	100.0	100.0	100.0	100.0	99.6	96.6	80.2	37.9	9.
ALL							a :	= =	

and the second of the second o

the second secon

<u> المنظم المن</u>

# TIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY DBSERVATIONS

NGLAND A	FB LA			RIOD OF		NOV 78 - DCT 88	
DITY GRE	ATED THA	N OR FOLL	AL TO	•••••	• • • • • • • •	• • • • • • • • • • • • •	
50%	60%	70%	80%	90%	MEAN	TOTAL OBS	
• • • • • • •	• • • • • • •	•••••	••••••	•••••	• • • • • • • •		
100.0	99.2	89.8	57.5	13.8	80.1	930	
100.0	99.5	95.6	67.8	25.6	82.7	930	
99.7	97.4	86.6	56.3	18.5	80.0	930	
85.2	65.1	37.6	12.3	1.9	64.3	930	
64.4	36.5	15.9	4.5	1.1	55.1	930	
56.9	31.9	15.2	6.3	•8	53.6	930	
84.7	61.4	34.9	12.7	2.4	63.7	930	
99.2	93.1	72.0	34.6	6.3	74.9	930	
86.3	73.0	56.0	31.5	8.8	74.9	7440	
• • • • • • •	• • • • • • •	••••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • • • • • • • •	
			M	UL : HTMOI	N		<u></u>
100.0	99.2	94.1	65.2	20.9	82.3	900	
100.0	99.8	98.1	77.2	34.7	85.0	900	
99.9	98.6	90.6	60.2	19.6	81.4	900	
91.2	69.7	40.4	9.9	1.2	65.7	900	
70.2	39.0	17.7	4.7	.4	57.0	900	
64.1	38.3	19.8	6.6	1.0	56.3	900	
86.4	65.1	39.2	16.2	2.4	65.1	900	
99.6	96.5	80.2	37.9	9.4	77.1	900	
88.9	75.8	60.0	34.7	11.2	77.1	7200	

USAFETAC	. ASHEVI	LLE NC					KEA DRZE	RVATIONS	•
STATION	NUMBER:	747540	STATIO LST TO	N NAME: UTC: +	ENGLAND 6	AFB LA			RID
HOURS	• • • • • • •	• • • • • • •	RELA	TIVE HUM	IDITY GR	EATER THA	N OR EQU	IAL TO	•••
LST	10%	20%	30%	40%	50%	60%	70%	80%	(
00-02	100.0	100.0	100.0	100.0	100.0	99.6	97.0	60.9	1
03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.8	74.7	3
06-08	100.0	100.0	100.0	100.0	100.0	99.8	94.4	60.4	2
09-11	100.0	100.0	100.0	99.9	96.5	74.8	41.3	11.2	
12-14	100.0	100.0	100.0	96.9	73.5	39.2	15.1	2.8	
15-17	100.0	100.0	100.0	94.6	66.1	37.4	19.7	5.8	. 1
18-20	100.0	100.0	100.0	99.1	91.8	71.8	45.4	15.3	···
21-23	100.0	100.0	100.0	100.0	99.9	97.8	84.2	40.8	8
ALL									_
HOURS	100.0	100.0	100.0	98.8	91.0	77.6	61.9	34.0	10
								Н	1011T
00-02	100.0	100.0	100.0	100.0	100.0	98.7	95.1	76.3	•••
					100.0	99.8	96.9		_
03-05	100.0	100.5	100.0	100.0				86.5	30
06-08	100.0	100.0	100.0	100.0	100.0	98.7	93.5	76.2	26
09-11	100.0	100.0	99.8	99.7	95.8	80.3	50.5	13.8	2
12-14	100.0	100.0	99.4	96.0	79.0	44.0	12.8	4.4	
15-17	100.0	100.0	99.7	94.2	74.9	40.8	18.0	6.3	1
18-20	100.0	100.0	100.0	99.0	95.1	81.1	56.2	24.4	1
21-23	100.0	100.0	100.0	100.0	99.5	97.7	88.5	56.9	1
ALL	100.0	100.0	99.9	98.6	93.0	80.1	63.9	43.1	

(

₹.

E-6-4

VE PE	RCENTAGE FROM HOU				DF RELAT	FIVE HUMIDITY
FLAND	AFB LA			RIOD OF NTH: JUL		NOV 78 - OCT 88
ITY GR	EATER THA	N OR FOU	IAL TO	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
50%	60%	70%	80%	90%	MEAN	TOTAL OBS
100.0	99.6	97.0	60.9	19.4	82.6	930
100.0	100.0	97.8	74.7	31.0	84.8	930
100.0	99.8	94.4	60.4	21.1	82.3	930
96.5	74.8	41.3	11.2	.6	67.0	930
73.5	39.2	15.1	2.8	•5	57.2	930
66.1	37.4	19.7	5.8	1.8	57.2	930
91.8	71.8	45.4	15.3	3.9	67.4	930
99.9	97.8	84.2	40.8	8.5	78.1	930
91.0	77.6	61.9	34.0	10.8	78.1	7440
• • • • • •	••••••	• • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
			M	IONTH: AU	G	COMMENT AND THE COMMENT OF THE PROPERTY AND THE COMMENT OF THE COM
100.0	98.7	95.1	76.3	27.2	84.3	930
100.0	99.8	96.9	86.5	36.3	86.3	930
100.0	98.7	93.5	76.2	26.7	84.2	930
95.8	80.3	50.5	13.8	2.2	68.7	930
79.0	44.0	12.8	4.4	1.2	58.1	930
74.9	40.8	18.0	6.3	1.0	58.0	930
95.1	81.1	56.2	24.4	5.3	70.8	, 930
99.5	97.7	88.5	56.9	15.2	80.5	930
93.0	80.1	63.9	43.1	14.4	80.5	7440

E-6-4

. . .

1 . .

.

	Y OF DC				E PE	LAT	CUMUL				
5	RVATION	LA NR2EK							LLE NC	W 2HF A I	USAFETAC.
ER		· · · · · · · · · · · · · · · · · · ·	A	AFB LA	AND	EN 6	NAME: UTC: +	STATION LST TO	747540	UMBER:	STATION N
• •		OR EQUA	THAN	FATER	Y GR	MID	IVE HU!	RELAT	•••••	• • • • • •	HOURS
	80%	70%		60	50%		40%	30%	20%	10%	LST
• •	71.2	95.4	.0	99.	0.0		100.0	100.0	100.0	100.0	00-02
	82.2	96.9	• 6	99.	0.0		100.0	100.0	100.0	100.0	03-05
	72.4	94.6	. 8	99.	0.0		100.0	100.0	100.0	100.0	06-08
	12.4	39.4	• 0	68.	0.8		99.1	100.0	100.0	100.0	09-11
	5.7	14.8	• 2	31.	2.0		89.7	99.8	100.0	100.0	12-14
-	8.7	18.9	. 7	31.	7.8		86.2	99.0	100.0	100.0	15-17
	25.9	54.7	• 6	79.	14.7		99.6	100.0	100.0	100.0	18-20
	53.1	86.9	• 0	98.	9.9	-	100.0	100.0	100.0	100.0	21-23
	41.5	62.7	. 8	75.	8.1		96.8	99.8	100.0	100.0	ALL Hours
• •	• • • • • •	• • • • •	••••	• • • • •	• • • •	• • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••
MO	!										
	65.8	88.8	. 4	98.	9.6		99.9	100.0	100.0	100.0	00-02
	70.5	93.8	. 8	98.	9.7		99.9	100.0	100.0	100.0	03-05
	66.2	91.4	. 2	98.	9.5		99.9	100.0	100.0	100.0	06-08
	22.8	42.0	. 0	64.	9.7		92.5	98.6	100.0	100.0	09-11
	9.9	18.5	. 8	34.	4.9		72.6	91.4	99.5	100.0	12-14
	11.0	18.9	. 8	34.	2.0	,	70.9	89.9	99.7	100.0	15-17
	22.7	52.2	. 7	77.	1.6		98.0	99.9	100.0	100.0	18-20
	51.5	80.8	•5	94.	8.9		99.8	100.0	100.0	100.0	21-23
	40.0	60.8	• 1	75.	4.5	· <del>-</del> ·	91.7	97.5	99.9	100.0	ALL HOURS

Company of the Company of the Company

and the second of the second o

U

ERCENTAGE FROM HOU	FREQUENC	RVATIONS	URRENCE	OF RELAT	TVE HUMIDITY	
AFB LA		PE	RIOD OF		NOV 78 - DCT 88	
REATER THA	N OR EQU	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • •	
60%	70%	80%	90%	MEAN	TOTAL OBS	
99.0	95.4	71.2	23.1	83.3	900	
99.6	96.9	82.2	28.6	85.0	900	
99.8	94.6	72.4	23.4	83.4	900	
68.0		12.4	2.4		900	
31.2					900	
31.7	18.9	8.7			900	
79.6	54.7	25.9	5.7	70.7	900	
98.0	86.9	53.1	12.6	79.8	900	
75. B	62.7	41.5	12.5	79.8	7200	
• • • • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • • • • • • • •	
		M	IONTH: O	CT		
98.4	88.8	65.8	22.5	81.7	930	
98.8	93.8	70.5	28.9	83.5	930	
98.2	91.4	66.2	28.3	82.7	930	
64.0	42.0	22.8	7.3	65.2	930	
34.8	18.5	9.9	3.3	53.1	930	
34.8	18.9	11.0	3.8	52.6	930	
77.7	52.2	22.7	6.7	69.5	927	
94.5	80.8	51.5	11.5	78.1	927	
75.1	60.8	40.0	14.0	78.1	7434	
	FROM HOU AFB LA REATER THA 60% 99.0 99.6 99.8 68.0 31.2 31.7 79.6 98.0 75.8 98.4 98.4 98.8 98.2 64.0 34.8 34.8 77.7 94.5	FROM HOURLY OBSE AFB LA  REATER THAN OR EQUATION OF SECULOUS SECU	FROM HOURLY OBSERVATIONS  AFB LA  PE REATER THAN OR EQUAL TO 60% 70% 80%  99.0 95.4 71.2  99.6 96.9 82.2  99.8 94.6 72.4  68.0 39.4 12.4  31.2 14.8 5.7  31.7 18.9 8.7  79.6 54.7 25.9  98.0 86.9 53.1  75.8 62.7 41.5  98.4 88.8 65.8  98.8 93.8 70.5  98.2 91.4 66.2  64.0 42.0 22.8  34.8 18.5 9.9  34.8 18.5 9.9  34.8 18.5 9.9  34.8 18.9 11.0  77.7 52.2 22.7	FROM HOURLY OBSERVATIONS  AFB LA PERIOD OF MONTH: SE  REATER THAN OR EQUAL TO 60% 70% 80% 90%  99.0 95.4 71.2 23.1  99.6 96.9 82.2 28.6  99.8 94.6 72.4 23.4  68.0 39.4 12.4 2.4  31.2 14.8 5.7 1.6  31.7 18.9 8.7 2.3  79.6 54.7 25.9 5.7  98.0 86.9 53.1 12.6  75.8 62.7 41.5 12.5  MONTH: O 98.4 88.8 65.8 22.5  98.8 93.8 70.5 28.9  98.2 91.4 66.2 28.3  64.0 42.0 22.8 7.3  34.8 18.5 9.9 3.3  34.8 18.9 11.0 3.8  77.7 52.2 22.7 6.7	FROM HOURLY OBSERVATIONS  AFB LA  PERIOD OF RECORD: MONTH: SEP  REATER THAN OR EQUAL TO 60% 70% 80% 90% MEAN  99.0 95.4 71.2 23.1 83.3  99.6 96.9 82.2 28.6 85.0  99.8 94.6 72.4 23.4 83.4  68.0 39.4 12.4 2.4 65.8  31.2 14.8 5.7 1.6 55.1  31.7 18.9 8.7 2.3 54.9  79.6 54.7 25.9 5.7 70.7  98.0 86.9 53.1 12.6 79.8  75.8 62.7 41.5 12.5 79.8  MONTH: OCT  98.4 88.8 65.8 22.5 81.7  98.8 93.8 70.5 28.9 83.5  98.2 91.4 66.2 28.3 82.7  64.0 42.0 22.8 7.3 65.2  34.8 18.5 9.9 3.3 53.1  34.8 18.9 11.0 3.8 52.6  77.7 52.2 22.7 6.7 69.5	PERIOD OF RECORD: NOV 78 - OCT 88  MONTH: SEP  REATER THAN OR EQUAL TO 60% 70% 80% 90% MEAN TOTAL OBS  99.0 95.4 71.2 23.1 83.3 900  99.6 96.9 82.2 28.6 85.0 900  99.8 94.6 72.4 23.4 83.4 900  68.0 39.4 12.4 2.4 65.8 900  31.2 14.8 5.7 1.6 55.1 900  31.7 18.9 8.7 2.3 54.9 900  79.6 54.7 25.9 5.7 70.7 900  98.0 86.9 53.1 12.6 79.8 900  75.8 62.7 41.5 12.5 79.8 7200  MONTH: OCT  98.4 88.8 65.8 22.5 81.7 930  98.2 91.4 66.2 28.3 82.7 930  34.8 18.5 9.9 3.3 53.1 930  34.8 18.5 9.9 3.3 53.1 930  34.8 18.9 11.0 3.8 52.6 930  77.7 52.2 22.7 6.7 69.5 927  94.5 80.8 51.5 11.5 78.1 927

OPERATING LOCATION "A" CUMULATIVE PERCENTAGE FREQUENCY OF DCCURRENCE USAFETAC. ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA PERIOD OF LST TO UTC: + 6 MONTH: NO HOURS RELATIVE HUMIDITY GREATER THAN OR EQUAL TO LST 10% 20% 30% 40% 50% 60% 70% 80% 90% 99.9 00-02 100.0 100.0 100.0 98.9 95.1 80.1 46.6 14.7 03-05 100.0 100.0 100.0 100.0 99.2 96.7 82.6 49.7 15.3 49.0 06-08 99.7 96.2 84.0 100.0 100.0 100.0 100.0 17.1 09-11 100.0 99.4 95.6 49.0 23.2 6.8 100.0 86.9 72.4 100.0 99.6 94.6 45.7 12-14 78.4 62.8 26.3 12.4 3.0 15-17 100.0 99.3 92.8 77.8 26.9 12.7 3.2 61.1 44.1 7.9 18-20 100.0 100.0 99.9 98.7 92.7 75.7 52.4 26.0 38.4 21-23 100.0 100.0 99.2 98.6 91.8 72.8 11.4 100.0 ALL 99.9 93.7 87.5 77.2 59.3 32.3 10.1 HOURS 100.0 98.3 :HTMOM 00-02 12.9 100.0 100.0 100.0 99.2 95.4 87.0 67.8 42.4 99.2 03-05 100.0 100.0 99.9 96.2 88.0 71.9 46.0 14.7 06-08 100.0 100.0 100.0 99.2 96.0 89.1 73.8 44.6 15. 27.0 09-11 100.0 100.0 99.2 95.1 85.6 70.2 52.8 9. 12-14 100.0 100.0 95.1 81.0 64.2 48.6 31.3 14.8 28.5 100.0 99.8 93.0 77.4 63.1 45.7 14.6 4. 15-17 23.6 18-20 100.0 100.0 99.7 95.6 86.3 67.3 47.4 6.

21-23

ALL

HOURS

100.0

100.0

100.0

100.0

100.0

98.4

99.0

93.2

94.4

85.2

59.6

54.1

80.4

72.0

9.

9

35.6

31.1

# UMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

ME: ENGLAND AFB LA

PERIOD OF RECORD: NOV 73 - OCT 88

: + 6				MO	NTH: NOV	_	
HUMID 40%	ITY GRE	ATER THA	N DR EQU	AL TO	90%		TOTAL OBS
_						*****	
9.9	98.9	95.1	80.1	46.6	14.7	78.0	900
0.0	99.2	96.7	82.6	49.7	16.3	79.1	900
0.0	99.7	96.2	84.0	49.0	17.1	79.1	900
5.6	86.9	72.4	49.0	23.2	6.8	67.7	900
8.4	62.8	45.7	26.3	12.4	3.Ö	56.8	900
7.8	61.1	44.1	26.9	12.7	3.2	56.2	900
5.7	92.7	75.7	52.4	26.0	7.9	69.8	900
9.2	98.6	91.8	72.8	38.4	11.4	75.6	900
. 7	87.5	77.2	59.3	32.3	10.1	75.6	7200
, <b></b>	• • • • • •	•••••	• • • • • • •	м	OMTH: DE	c	• • • • • • • • • • • • •
	• • • • • •			• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
P • 2	95.4	87.0	67.8	42.4	12.9	74.9	930
<b>.</b> 2	96.2	88.0	71.9	46.0	14.7	76.1	930
P • 2	96.0	89.1	73.8	44.6	15.3	76.3	930
5.1	85.6	70.2	52.8	27.0	9.8	68.6	930
.0	64.2	48.6	31.3	14.8	4.3	58.5	930
7 • 4	63.1	45.7	28.5	14.6	4.4	57.2	930
5.6	86.3	67.3	47.4	23.6	6.6	67.0	929
.0	94.4	80.4	59.6	35.6	9.7	72.2	929
. 2	85.2	72.0	54.1	31.1	9.7	72.2	7438

	NG LOCATI			CUMUL A	TIVE PER	CENTAGE FROM HOU	FREQUENC	Y OF OC RVATION	CURRE S
 STATION	NUMBER:	747540	STATION LST TO	NAME: E	NGLAND A	FB LA			ERIOD ONTH:
HOURS	• • • • • • • •	• • • • • • •	RELAT	IVE HUMI	DITY GRE	ATER THA	N OR EQU	AL TO	• • • • •
LST	10%	20%	30%	40%	50%	60%	70%	80%	9
 00-02	100.0	100.0	99.9	99.5	97.8	93.5	81.8	53.6	16
03-05	100.0	100.0	99.9	99.7	98.4	95.2	86.0	61.5	22
06-08	100.0	100.0	100.0	99.7	98.4	94.8	83.7	55.6	19
 09-11	100.0	100.0	99.4	95.5	86.0	68.3	44.0	18.5	4
12-14	100.0	99.9	95.7	83.3	63.8	39.6	20.9	9.1	2
15-17	100.0	99.8	94.2	79.5	58.8	37.0	21.0		2
18-20	100.0	99.9	99.4	95.3	85.2	66.5	43.4	19.5	5
21-23	100.0	100.0	99.8	99.3	96.7	88.5	70.1	38.3	. 9
ALL HOURS	100.0	99.9	98.5	94.0	85.6	72.9	56.4	33.2	10

- ···

. . .

## IVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY DBSERVATIONS

LAND	AFB LA			RIOD OF INTH: ALL	RECORD:	NOV 78 - OCT 88
TY G	REATER THA	N DR EQU	IAL TO	90%	MEAN	TOTAL OBS
97 <u>.</u> 8	93.5	81.8	53.6	16.5	78.7	10959
98.4	95.2	86.0	61.5	22.8	80.7	10959
98.4	94.8	83.7	55.6	19.0	79.6	10956
86.0	68.3	44.0	18.5	4.9	66.2	10956
63.6	39.6	20.9	9.1	2.5	56.0	10956
58.8	37.0	21.0	9.8	2.7	54.8	10957
85.2	66.5	43.4	19.5	5.1	66.0	10955
96.7	88.5	70.1	38.3	9.6	74.8	10955
85.6	72.9	56.4	33.2	10.4	69.6	87653

-----

	РРРРР	РРР	AAA	AAA	RRRR	RRRR	111111111	
-	ррррр	РРРР	AAAA			RRRRR	TITITITI	
	PР	PP	AA	AA	RR	RR	TT	
	PР	PP	AA	AA	RR	RR	ŤŤ	
	РРРРР	PPPP	AA	AA	RRRR	RRRRR	TT	
	PPPPP	ppp	AAAAAAAA		RRRR	RRRR	TT	
	PΡ		AAAA		RR	RR	TT	
	PP		AA	AA	RR	RR	TT	
	PP		AA	AA	RR	RR	TT	
	рр		AA	AA	RR	RR	77	

a Borna da sentido de la compansión de la comp

------

	RRRR	RRRR	TTTTTTTTT	FFFFFFFFF
•	RRRR	RRRRR	TITITITI	FFFFFFFF
A	RR	RR	TT	f F
A	RR	RR	TT	FF .
A	RRRR	RRRRR	TT	FFFFFF
A	RRRR	RRRR	11	FFFFF
A	RR	RR	11	FF
A	RR	RR	TT	<b>FF</b>
A	RR	RR	TT	FF
A	RR	RR	11	FF.

F - 1 - 1

#### PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVAT

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PER (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.
IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS,
COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPOR

ALTIMETER SETTING.
IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD TOTAL OBSERVATION COUNTS.

STATION PRESSURE.
IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF

F - 1 - 2

	PART F
PRES	SURE SUMMARIES
PART F IS	TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:
R STANDARD S'	YNOPTIC REPORTING TIME PERIODS FOR EACH MONTH
EARS AND AL	L HOURS COMBINED).
	HOURS COMBINED).
BLES GIVE ME	ANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION AVAILABLE FOR METAR REPORTING SITES.
CURY (HG), TO COUNTS.	ABLES GIVE MEANS, STANDARD DEVIATIONS, AND
COUNTS.	ABLES GIVE MEANS. STANDARD DEVIATIONS AND
	LLIBAR = 0.02953 INCHES OF MERCURY (HG).
	F - 1 - 2

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

### SEA LEVEL PRESSURE IN MILLI FROM HOURLY OBSERVATIONS

STATI	ON NUMBER:	747540	STATIO	N NAME: UTC: +	ENGLAND 6	AFB LA			PERIO
HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AU
(LST)	31813	<del> </del>		!!!!!			3011		70
••••				• • • • • • • •	•••••				
0000	MEAN	1021.6	1019.5	1016.8	1015.4	1014.6	1015.3	1016.5	1016
	SD	6.605	6.820	6.703	4.838	3.362	2.675	2.326	2.4
-	TOT OBS	310	283	310	300	310	300	310	3
0300	MEAN	1021.4	1019.1	1016.2	1014.9	1014.2	1014.9	1016.3	1015
	SD	6.693	6.941	6.910	5.021	3.381	2.729	2.307	2.4.
	TOT OBS	310	283	310	300	310	300	310	3
0600	MEAN	1021.6	1019.6	1017.0	1015.7	1015.1	1015.9	1017.2	1016.
0000	SD	6.757	6.955	6.954	5.113	3.473	2.781	2.418	2.4
	TOT OBS	310	283	310	300	310	300	310	31
0900	MEAN	1023.0	1020.9	1018.3	1016.8	1016.0	1016.7	1018.1	1017
	SD	6.910	6.969	7.136	5.231	3.565	2.799	2.446	2.40
	TOT OBS	310	283	310	300	310	300	310	31
1200	MEAN	1022.3	1020.4	1017.6	1016.0	1015.3	1016.0	1017.5	1015.
	SD	6.862	6.973	7.031	5.168	3.521	2.752	2.399	2.41
	TOT DBS	310	283	310	300	310	300	310	31
1500	MEAN	1020.2	1018.1	1015.3	1014.1	1013.7	1014.5	1015.9	1015.
	SD	6.800	6.992	6.841	5.145	3.377	2.741	2.374	2.51
	TOT OBS	310	283	310	300	310	300	309	3:
1800	MEAN	1020.5	1019.3	1015.2	1013.6	1013.0	1013.8	1015.3	T014.
	SD	6.761	6.788	6.720	5.083	3.332	2.655	2.391	2.6
	TOT OBS	310	283	310	300	310	300	310	3
2100	MEAN	1021.5	1019.3	1016.5	1015.0	1014.2	1014.8	1016.2	1015
	SD	6.687	6.714	6.640	4.849	3.312	2.644	2.306	2.54
	TOT OBS	310	283	310	300	310	300	310	3:
ALL	MEAN	1021.5	1019.4	1016.6	1015.2	1014.5	1015.2		1016,
HOURS	SD	6.813	6.954	6.937	5.147	3.526	2.857	2.519	2.6
	TOT OBS	2480	2264	2480	2400	2480	2400	2479	241

# SEA LEVEL PRESSURE IN MILLIBARS FROM HOURLY OBSERVATIONS

AND	AFB LA			PERIOD C	F RECORD	: NOV	78 - OCT	88		
• • • •	••••••			*******	*******				• • • • • • •	
PR	MAY	JUN	JUL	AUG	SEP	OCT	VOV	DEC	ANN	
5.4	1014.6	1015.3	1016.5	1016.0	1016.6	1018.4	1019.4	1021.3	1017.6	
838	3.362	2.675	2.326	2.459	3.207	4.665	5.393	6.821	5.455	
300	310	300	310	310	300	310	300	310	3653	
4.9	1014.2	1014.9	1016.3	1015.8	1016.3	1018.1	1019.1	1021.0	1017.3	
021	3.381	2.729	2.307	2.426	3.268	4.803	5.465	6.861	5.558	
300	310	300	310	310	300	310	300	310	3653	
5.7	1015.1	1015.9	1017.2	1016.6	1017.0	1018.8	1019.5	1021.2	1017.9	
113	3.473	2.781	2.418	2.413	3.353	5.046	5.542	7.036	5.539	
300	310	300	310	310	300	310	300	310	3′53	
6.8	1016.0	1016.7	1018.1	1017.5	1018.1	1020.1	1020.8	1022.6	1019.1	
231	3.565	2.799	2.446	2.401	3.463	5.147	5.632	7.113	5.690	
300	310	300	310	310	300	310	300	310	3653	
5.0		1016.0	1017.5	1016.9		1019.0	1019.8	1021.7	1018.3	
168	3.521	2.752	2.399	2.412	3.419	5.053	5.507	7.005	5.615	
300	310	300	310	310	300	310	300	310	3653	
4.1				1015.1			1017.8		1016.4	
145	3.377	2.741	2.374	2.519	3.320	4.902	5.477	6.941	5.504	
300	310	300	309	310	300	310	300	310	3652	
3.6	1013.0	1013.8	1015.3	1014.7	1015.3			1020.3		
093	3.332	2.655	2.391	2.633	3.342	4.817	5.344	6.846	5.588	
300	310	300	310	310	300	309	300	310	3652	
5.0		1014.8			1016.6	1018.4	1019.2	1021.2	1017.4	
849	3.312	2.644	2.306	2.549	3.253	4.820	5.364	6.755	5.493	
300	310	300	310	310	300	309	300	310	3652	
5.2	1014.5		1016.6	1016.0	1016.6	1018.4	1019.2		1017.5	
147	3.526	2.857	2.519	2.625	3.442	4.991	5.534	6.970	5.623	
400	2480	2400	2479	2480	2400	2478	2400	2480	29221	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

## ALTIMETER SETTING IN INCHES FROM HOURLY OBSERVATIONS

STATI	ON NUMBER:	747540	LST TO	N NAME: I	ENGLAND 6	AFB LA			PERIO
HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
•				• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • •
0000	MEAN	30.17	30.11	30.03	29.99	29.96	29.98	30.02	30.0
	SD	.195	.201	•198	.142	•100	.078	.069	• 07
	TOT OBS	310	283	310	300	310	300	310	31(
0300	MEAN	30.16	30.10	30.01	29.97	29.95	29.97	30.01	30.00
	SD	.198	.204	.204	.147	.100	.080	.068	.07
	TOT OBS	310	283	310	300	310	300	310	31(
0600	MEAN	30.17	30.11	30.03	29.99	29.98	30.00	30.04	30.02
	SD	.200	.205	.205	•150	.102	.082	.072	•07
	TOT DBS	310	283	310	300	310	300	310	31(
0900	MEAN	30.21	30.15	30.07	30.03	30.00	30.02	30.07	30.0
	SD	.204	. 205	.211	.154	.105	.082	.073	.071
	TOT OBS	310	283	310	300	310	300	310	31(
1200	MEAN	30.19	30.14	30.05	30.00	29.98	30.01	30.05	30.03
	SD	.203	.206	.207	.152	.104	.081	.071	.071
	TOT OBS	310	283	310	300	310	300	310	31(
1500	MEAN	30.13	30.07	29.99	29.95	29.94	29.96	30.00	29.94
	SD	•202	. 206	.201	.151	.100	.080	.071	•07
	TOT DBS	310	283	310	300	310	300	310	31(
1800	MEAN	30.14	30.07	29.98	29.93	29.92	29.94	29.99	29.97
	SD	• 200	.200	.198	.150	.099	.078	.071	•071
	TOT DBS	310	283	310	300	310	300	310	31(
2100	MEAN	30.17	30.10	30.02	29.97	29.95	29.97	30.01	30.00
	SD	.198	.198	.196	.142	.098	•078	.069	.076
	707 085	310	283	310	300	310	300	310	31(
ALL	MEAN	30.17	30.10	30.02	29.98	29.96	29.98	30.02	30.01
HOURS		• 202	• 205	.205	.151	.104	.084	.075	•071
	TOT OBS	2480	2264	2480	2400	2480	2400	2480	248(

## ALTIMETER SETTING IN INCHES FROM HOURLY OBSERVATIONS

LAND	AFB LA			PERIOD DI	RECORD	NOV 7	B - DCT	88	
		• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •		
APR	MAY	JUN	JUL	AUG	SEP	DCT	NOV	DEC	ANN
		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	
29.99	29.96	29.98	30.02	30.01	30.02	30.07	30.10	30.16	30.05
.142	-100	.078	.069	.072	.096	.138	.159	•201	.161
300	310	300	310	310	300	310	300	310	3653
29.97	29.95	29.97	30.01	30.00	30.01	30.07	30.10	30.15	30.04
.147	.100	.080	.068	•072 310	.097	.142	•162 300	.203	.164
300	310	300	310	310	300	310	300	309	3652
29.99	29.98	30.00	30.04	30.02	30.04	30.09	30.11	30.16	30.06
.150	.102	.082	.072	.071	.100	.149	.163	.207	.164
300	310	300	310	310	300	310	300	310	3653
30.03	30.00	30.02	30.07	30.05	30.07	30.12	30.15	30.20	30.10
.154	.105	• 082	.073	.071	.103	•152	.166	.209	.168
300	310	300	310	310	300	310	300	310	3653
30.00	29.98	30.01	30.05	30.03	30.04	30.09	30.12	30.17	30.07
.152	.104	.081	.071	.071	.102	.149	.163	.207	.166
300	310	300	310	310	300	310	300	310	3653
29.95	29.94	29.96	30.00	29.98	29.99	30.04	30.06	30.12	30.02
.151	.100	.080	.071	.074	.099	.145	.161	.204	.162
300	310	300	310	310	300	310	300	310	3653
9.93	29.92	29.94	29.99	29.97	29.98	30.04	30.07	30.13	30.01
.150	.099	.078	.071	.077	.099	.142	.158	.202	.165
300	310	300	310	310	300	309	300	310	3652
29.97	29.95	29.97	30.01	30.00	30.02	30.08	30.10	30.16	30.05
.142	.098	.078	.069	.075	.097	.142	.158	.199	.162
300	310	300	310	310	300	309	300	310	3652
29.98	29.96	29.98	30.02	30.01	30.02	30.08	30.10	30.16	30.05
.151	.104	.084	.075	.077	•102	.147	.163	.205	.166
2400	2480	2400	2480	2480	2400	2478		2479	29221

STATION PRESSURE IN INCHE OPERATING LOCATION MAN FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO PERIDO STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA LST TO UTC: + 6 AUG MAY APR FEB MAR JAN HOURS STATS (LST) 29.88 30.07 30.01 29.93 29.89 29.86 0000 MEAN .100 .078 .142 .201 .069 .072 .198 .195 SD 300 310 31( 300 310 283 310 TOT OBS 310 29.85 29.87 29.91 29.90 30.00 29.91 29.87 30.06 MEAN 0300 .068 .072 .204 .147 .080 .204 .100 .198 SD 310 314 310 300 300 283 310 TOT OBS 310 29.94 29.91 29.89 29.88 29.90 29.93 30.07 30.01 MEAN 0600 .072 .082 .102 .07 .150 .200 .205 .205 SD 31( 300 310 310 283 310 300 310 TOT OBS 29.97 29.9 29.92 29.90 29.97 29.93 30.05 30.11 MEAN 0900 .07 .105 .073 .154 .082 .205 .211 .204 SD 31 300 310 300 310 310 283 310 TOT OBS 29.91 29.95 29.91 29.83 30.04 29.95 29.90 30.09 MEAN 1200 .071 .207 .071 .081 .152 .104 .206 .203 SD 31: 310 300 310 300 310 283 TOT OBS 310 29.90 29.3 29.86 29.84 29.85 29.89 30.03 29.97 MEAN 1500 •074 .100 .080 .071 .206 .201 .151 .202 SD 310 300 310 310 310 283 310 300 TOT DBS 29.84 29.89 29.87 29.82 29.83 1800 29.97 29.88 MEAN 30.04 .150 .078 .071 .077 .099 .198 .200 .200 SD 310 311 310 300 300 283 310 TOT DBS 310 29.90 29.91 29.87 29.85 29.87 MEAN 30.07 30.00 29.92 2100 .078 .069 .075 .142 .098 .198 .198 .196 50 310 31( 310 300 300 310 TO: OBS 310 283 29.91 29.92 29.88 29.86 29.88 30.07 30.00 29.92 MEAN ALL .071 .075 .084 .104 .205 .151 .202 .205 HOURS SD 2480 2480 2480 2400 2480 2400 TOT DBS 2480 2264

# STATION PRESSURE IN INCHES FROM HOURLY OBSERVATIONS

MAY 29.86	Jun	JUL	AUG	•••••				
29.86				SEP	OCT	NOV	DEC	ANN
	30 00	29.92	29.91	29.92	29.97	30.00	30.06	29.95
• 100	29.88					.159		
	.078	.069	.072	• 096 300	.138 310	300	•201 310	-161 3653
310	300	310	310	300	310	300	310	3073
29.85	29.87	29.91	29.90	29.91	29.97	30.00	30.05	29.94
.100	.080	.068	.072	.097	.142	.162	.203	.164
310	300	310	310	300	310	300	309	3652
29.88	29.90	29.94	29.92	29.94	29.99	30.01	30.06	29.96
								.164
310	300	310	310	300	310	300	310	3653
29.90	29.92	29.97	29.95	29.97	30.02	30.05	30.10	30.00
								.168
310	300	310	310	300	310	300	310	3653
29.83	29.91	29.95	29.93	29.94	29.99	30.02	30.07	29.97
								.166
310	300	310	310	300	310	300	310	3653
29.84	29.86	29.90	29.88	29.89	29.94	29.96	30.02	29.92
								.162
310	300	310	310	300	310	300	310	3653
29.82	29.84	29.89	29.87	29.88	29.94	29.97	30.03	29.91
	.078				.142	.158	.202	.165
310	300	310	310	300	309	300	310	3652
29.85	29.87	29.91	29.90	29.92	29.98	30.00	30.06	29.95
.098	.078	.069	.075	.097	.142	.158		.162
310	300	310	310	300	309	300	310	3652
29.86	29.88	29.92	29.91	29.92	29.98	30.00	30.06	29.95
								.166
2480	2400	2480	2480	2400	2478	2400	2479	29221
	.100 310 29.88 .102 310 29.90 .105 310 29.83 .104 310 29.84 .100 310 29.82 .099 310 29.85 .098 310	.100 .080 310 300  29.88 29.90 .102 .082 310 300  29.90 29.92 .105 .082 310 300  29.83 29.91 .104 .081 310 300  29.84 29.86 .100 .080 310 300  29.82 29.84 .099 .078 310 300  29.85 29.87 .098 .078 310 300  29.86 29.88 .104 .084	.100 .080 .068 310 300 310  29.88 29.90 29.94 .102 .082 .072 310 300 310  29.90 29.92 29.97 .105 .082 .073 310 300 310  29.83 29.91 29.95 .104 .081 .071 310 300 310  29.84 29.86 29.90 .100 .080 .071 310 300 310  29.82 29.84 29.89 .099 .078 .071 310 300 310  29.85 29.87 29.91 .098 .078 .069 310 300 310  29.86 29.88 29.92 .104 .084 .075	.100       .080       .068       .072         310       300       310       310         29.88       29.90       29.94       29.92         .102       .082       .072       .071         310       300       310       310         29.90       29.92       29.97       29.95         .105       .082       .073       .071         310       300       310       310         29.83       29.91       29.95       29.93         .104       .081       .071       .071         310       300       310       310         29.84       29.86       29.90       29.88         .100       .080       .071       .074         310       300       310       310         29.82       29.84       29.89       29.87         .099       .078       .071       .077         310       300       310       310         29.85       29.87       29.91       29.90         .098       .078       .069       .075         310       300       310       310         29.86       29.88       <	.100       .080       .068       .072       .097         310       300       310       310       300         29.88       29.90       29.94       29.92       29.94         .102       .082       .072       .071       .100         310       300       310       310       300         29.90       29.92       29.97       29.95       29.97         .105       .082       .073       .071       .103         310       300       310       310       300         29.83       29.91       29.95       29.93       29.94         .104       .081       .071       .071       .102         310       300       310       310       300         29.84       29.86       29.90       29.88       29.89         .100       .080       .071       .074       .099         310       300       310       310       300         29.82       29.84       29.89       29.87       29.88         .099       .078       .071       .077       .099         310       300       310       310       300         <	.100       .080       .068       .072       .097       .142         310       300       310       310       300       310         29.88       29.90       29.94       29.92       29.94       29.99         .102       .082       .072       .071       .100       .149         310       300       310       310       300       310         29.90       29.92       29.97       29.95       29.97       30.02         .105       .082       .073       .071       .103       .152         310       300       310       310       300       310         29.83       29.91       29.95       29.93       29.94       29.99         .104       .081       .071       .071       .102       .149         310       300       310       310       300       310         29.84       29.86       29.90       29.88       29.89       29.94         .100       .080       .071       .074       .099       .145         310       300       310       310       300       310         29.82       29.84       29.89       29.87	.100       .080       .068       .072       .097       .142       .162         310       300       310       310       300       310       300         29.88       29.90       29.94       29.92       29.94       29.99       30.01         .102       .082       .072       .071       .100       .149       .163         310       300       310       310       300       310       300         29.90       29.92       29.97       29.95       29.97       30.02       30.05         .105       .082       .073       .071       .103       .152       .166         310       300       310       300       310       300         29.83       29.91       29.95       29.93       29.94       29.99       30.02         .104       .081       .071       .071       .102       .149       .162         310       300       310       310       300       310       300         29.84       29.86       29.90       29.88       29.89       29.94       29.96         .100       .080       .071       .074       .099       .145       .161 </td <td>.100         .080         .068         .072         .097         .142         .162         .203           310         300         310         300         310         300         309           29.88         29.90         29.94         29.92         29.94         29.99         30.01         30.06           .102         .082         .072         .071         .100         .149         .163         .207           310         300         310         310         300         310         300         310           29.90         29.92         29.97         29.95         29.97         30.02         30.05         30.10           29.90         29.92         29.97         29.95         29.97         30.02         30.05         30.10           29.91         29.92         29.95         29.97         30.02         30.05         30.10           29.83         29.91         29.95         29.93         29.94         29.99         30.02         30.07           .104         .081         .071         .071         .102         .149         .162         .207           310         300         310         310         300</td>	.100         .080         .068         .072         .097         .142         .162         .203           310         300         310         300         310         300         309           29.88         29.90         29.94         29.92         29.94         29.99         30.01         30.06           .102         .082         .072         .071         .100         .149         .163         .207           310         300         310         310         300         310         300         310           29.90         29.92         29.97         29.95         29.97         30.02         30.05         30.10           29.90         29.92         29.97         29.95         29.97         30.02         30.05         30.10           29.91         29.92         29.95         29.97         30.02         30.05         30.10           29.83         29.91         29.95         29.93         29.94         29.99         30.02         30.07           .104         .081         .071         .071         .102         .149         .162         .207           310         300         310         310         300

	ррррр	ррр	AAA	AAA	RRRRI	RRR	111111111
	РРРРР	рррр		AAAA	RRRRI	RRRRR	TTTTTTTTT
	PP	рр	AA	AA	RR	RR	TT
*	PΡ	ρp	AA	AA	RR	RR	TT
	ррррр	РРРР	AA	AA	RRRRI	RRRRR	TT
	PPPPP	РРР	4444	AAAAA	RRRR	RRRR	TT
	PР		AAAAA	AAAAA	RR	RR	77
	PР		AA	AA	RR	RR	TT
	PΡ		AA	AA	RR	RR	TT
· ·	PP		AA	AÀ	RR	RR	ŤŤ

---

RRRRRR RRRRRR	111111111 111111111	6666666 66666666	
RR RR	<u>TT</u>	GG GG	
RRRRRRR RRRRRR RR RR	11 11 11 11	GG GG GGGG GG GG GG GG	
RR RR	<u>TT</u>	GGGGGGG	
•			
-	· · · · · · · · · · · · · · · · · · ·		
		<u> </u>	
G - 1			

.

### CROSSWIND SUMMARY

### CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVAPEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOW

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONT
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COM
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMB

THE TABLES GIVE PERCENT DCCURRENCE FREQUENCY (PDF) OF TH COMPONENT\* FOR THE WIND SPEED CLASSES SPECIFIED IN THE T THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND OF FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORT SPEED AND DIRECTION FROM ALL DESERVATIONS INCLUDING REMAIND SPECIAL DESERVATIONS.

**OBSERVATION COUNTS INCLUDE CALM AINDS.** 

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

CROSSWIND SUMMARY

ED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING HE TABLES ARE SUMMARIZED AS FOLLOWS:

TANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

RS AND ALL HOURS COMBINED).

RS AND THE HOURS 0600-2000 LST COMBINED).

S AND ALL HOURS COMBINED).

S AND THE HOURS 0600-2000 LST COMBINED).

T DCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNHAY WIND

D SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS.

T CATEGORIES:

COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED RECORD-SPECIAL OBSERVATIONS.

S COMPUTED FROM THE HIGHEST REPORTED WIND ROM ALL DBSERVATIONS INCLUDING REMARKS, GUSTS, DNS.

ELUDE CALM ATNOS.

NSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR THRESHOLD WIND SPEED VALUE(S).

DUNT IS INCLUDED.

G - 1 - 2

OPERATING LOC USAFETAC, ASH				PERCENT	AGE FR	EQUENC' FROM I	Y DF OC HOURLY	CURRENCE Observat	OF CR
STATION NUMBE	R: 74754			NAME: EN		AFB LA			
		• • • • •	CAT	EGORY A:	ANY CE	ILING	OR_VIS	IBILITY	(HOURL
••••			CAT	EGORY 8:	HIGHE	JVIW T	S REPO	RTED WIT	HIN 1
TIME (LST)		000	00 - 02	00		030	00 - 05	00	
SPEED (KTS)	GELO	SE15	GE 20	ÖBS	GE10	GE 15	SE 20 -	<del>- 38</del> 5	GE1
CATEGORY A	1.8			930	. 9			930	•
CATEGORY B	2.9	1.1	. 3	930	1.9	.9	•1	930	2.
TIME (LST)	• • • • • •		• • • • • • •	••••••	•••••			•••••	• • • • •
SPEED (KTS)	GE10		00 - 14	OBS	CE 1.0		00 - 17	OBS	651
- • • - •				930		.5	GE 20	930	GE1
CATEGORY B	5.1	2.0		930	4.7		.2	930	2.
••••••	• • • • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	••••
TIME (LST)	···			(	0600	- 2000			
SPEED KTS				GE10	GE15	GE20	08:	S	
CATEGORY A				2.3	.1		4650	0	

CATEGORY B

3.7 1.1 .2 4650

# AGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

· · <del></del> .		UUKLT	DDSEKVA			MAGNETIC RUNWAY HEADING: 139-319  PERIOD OF RECORD: NOV 78 - OCT 88  MONTH: JAN								
GLAND A	FB LA													
ANY CE	ILING	OR VIS	IBILITY	(HOURLY	JBS (	INLY)								
HIGHES	T WIND	S REPO	RTED WI	THIN THE	HOUR	(HOU	RLIES +	SPECIALS)			• • • • •			
	030	0 - 05	00		06	00 - 0	0800		090	00 - 11	00			
GEIO	GE15	GE20	085	GE10	GE15	GE20	085	CETO	GE15	GE 20	085			
• 9		-	930	• 9			930	2.5			930			
1.9	• 9	• 1	930	2.4	• 5	5	930	3.2	•5	•1	930			
	150	0 - 17	00		18	300 - 2	2000		210	00 - 23	00			
GE10	GE15	GEZO	ÖBS	GETO	GETS	GE20	OBS	GE10	GE15	GE20	085			
3.1	•2	<del></del>	930	1.8	<del> </del>	·	930	1.9	• 2	•1	930			
4.7	1.4	• 2	930	2.9	• 8		930	3.1	1.2	.3	930			
	• • • • • •		• • • • • •	• • • • • • • •				•••••	• • • • • •	• • • • • •	• • • • •			
0600	- 2000		and grave prime a responsable of the state of			ALL	HOURS			<b>.</b>				
GE15	GE20	08:	<u> </u>	GE	10	GE15	GE20	OBS						
.1		465	<b>)</b>		2.0	.1	• 0	7440						
					3.3									

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NC

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSS FROM HOURLY OBSERVATIONS

		0 S L	STATION NAME: ENGLAND AFB LA LSF TO UTC: + 6											
• • • • • • • • • • • • • • •	• • • • • •								-					
		·							(HOURLY C					
••••••	• • • • • •	••••	CAT	EGORY B:	HIGHES	ST WIND	)S REPO	RTED WIT	HIN THE					
TIME (LST)			00 - 020											
SPEED (KTS)	GE10	GEÏ5	GE 20	OBS	GE10	GE15	GE20	DBS	GE 10					
CATEGORY A	1.1	• 1		849	1.5	.1		849	1.6					
CATEGORY B	2.0	• 2	• 1	849	2.6	• 6	•1	849	2.1					
		• • • • •						•••••						
TIME (LST)		120	00 - 140	00		150	00 - 170	00						
SPEED (KTS)	GE10	GE15	GE 20	088	GEIO	GE15	SE20	OBS	GE10					
CATEGORY A	4.4	.1	, ,	849	4.1	• 2	-1-	849	1.2					
CATEGORY B	7.1	2.0	. 8	849	6.1	1.5	• 2	849	2.9					
••••••				•••		<b></b>								
7.ME (1.67)	•••••	<u>, • • • • • • • • • • • • • • • • • • •</u>	• • • • • •	• • • • • • • • •				1						
TIME (LST)						- 2000								
SPEED KTS				GE10	GE15	GE20	OB:	\$	GE					
CATEGORY A			n <del>es</del>	3.0	•2	.0	4249	5	2					
CATEGORY B				4.7	1.3	. 4	4245	5	3					

## ENTAGE FREQUENCY OF OCCURRENCE OF CROSSHINDS FROM HOURLY OBSERVATIONS

				<del></del>		MAGNETIC RUNWAY HEADING: 139-319								
6						MO	NTH: F	EB	CORD: NOV 78 - OCT 88					
۱:					(HOURLY									
•	HIGHES	T WIND	S REPOR	RTED WIT	THIN THE	HOUR	(HOURL	.IES + :	SPECIALS)	• • • • •	••••	• • • • •		
		030	050	00	-	060	0 - 08	300		090	00 - 11	00		
	SEIO	GE15	GE20	085	GE10	GE 15	GE20	085	GE10	GE15	GEZO	085		
	1.5	-1		849	1.6	. 1		849	3.8	• 1		849		
	2.6	•6	•1	849	2.1	•5	.1	849	5.3	1.4	• 2	849		
•••	• • • • •	150	00 - 170	· · · · · · ·		100	00 - 20	200	• • • • • • •	21.0	00 - 23	••••		
	ee da					0510								
	0E10	GEID	GE20		GE10	6615	GEZO		GE10	6515	GEZO	085		
	4.1	• 2	•1	849	1.2	• 5	.1	849	.8	.1		849		
	6.1	1.5	• 2	849	2.9	1.2	.5	849	2.0	.6	.4	849		
• • •	• • • • • •	• • • • • •	• • • • • •		• • • • • • • •	• • • • • •		• • • • • •	• • • • • • • •	• • • • •	• • • • • •	• • • • •		
	0600	- 2000	)			A	Ļ <u>L</u> H	IDUR S						
10	GE15	GE20	OBS		G	E10 G	E15 0	E20	OBS	** * *				
3.0	•2	.0	4245	5		2.3	.2	•0	6792	· <del></del>	<del></del>			
		. 4	4245	_		3.8		. 3	4703					

G - 2 - 2

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CROS FROM HOURLY JBSERVATIONS

STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA LST TO UTC: + 6

		• • • • •	• • • • • •	•••••	• • • • •			• • • • • •	
			CAT	EGORY A:	ANY CE	ILING	OR VIS	IBILITY	(HOURLY
				EGORY 8:					
TIME (LST)			00 - 02				00 - 05		
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	085	GE10
CATEGORY A	1.2			930	1.2	• 2		930	• 9
CATEGORY B	1.9	1.1	• 5	930	2.5	1.0	۰۷	930	2.3
						• • • • •	• • • • •	• • • • • •	• • • • • • • •
TIME (LST)		120	0 - 14	00	1500 - 1700				
SPEED (KTS)	GE10	GE 15	GE20	085	GE10	GE15	GE20	OBS	GE10
CATEGURY A	5.4	.5	•1	930	4.0	•2		929	1.8
CATEGORY B	9.9	3.3	• 6	930	9.3	2.6	. 3	929	3.2
••••••	•••••	• • • • • •	•••••	•••••	• • • • •	•••••	• • • • • •	• • • • • •	• • • • • • • •
TIME (I CT)	••••••	•••••		• • • • • • • • •	0400	- 2000		• • • • • •	• • • • • • • •
TIME (LST)						- 2000		_	_
SPEED KTS				GE10	GE15	GE20	OB	5	G
CATEGORY A				3.1	•2	• 0	464	9	
CATEGORY B				6•2	2.0	• 3	464	9	

## ENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

		FRUM N	UUKLI .	JDSEKVA		M.A	MAGNETIC RUNHAY HEADING: 139-319									
O						MC	PERIOD OF RECORD: NOV 78 - OCT 98 MONTH: MAR									
					(HOURLY				••••••							
3 <b>:</b>	HIGHES								SPECIALS)	••••		• • • • •				
,		030	0 - 05	00		060	00 - 0	008		0900 - 1100						
	GE10	GE15	GE20	DBS	GE10	GE15	GE 20	085	GEIO	GE15	GE20	085				
	1.2	• 2	-	930	• 9	.1		930	3.7	• 2		930				
	2.5		_	930	2.3			930		2.0	. 4	930				
• • • •	• • • • •	•••••	• • • • • •	• • • • • •		• • • • •	• • • • •	• • • • • • •	•••••	• • • • •		• • • •				
		150	0 - 170	00		180	00 - 2	2000		210	0 - 23	00				
	GE10	GE15	GE20	OBS	GE10	GE15	GE 20	OBS	GE10	GE15	GE20	OBS				
	4.0	•2	<del></del>	929	1.8			930	•3	.1		930				
	9.3	2.6	•3	929	3.2	. 9		930	2.0	. 4		930				
, ,	• • • • • •		• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • • • • • •	• • • • • •	• • • • • •	• • • •				
	0500	- 2000		· · · ·		A	LL	HOURS								
10	GE15	GE20	OB 9	5	G	E10 G	E 15	GE20	085							
3.1	• 2	• 0	4549	)		2.3	• 2	• 0	7439							

4.7 1.5

7439

• 3

2.0

• 3

4649

**.** 2

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSS FROM HOURLY OBSERVATIONS

STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA LST TO UTC: + 6

			21 10 (	uic: + 6					
			CATI	EGORY A:	HIGHES	ST WIND	S REPOR	TED WI	
TIME (LST)				00			0 - 050		
SPEED (KTS)	GE10	GE 15	GE 20	OBS	GE 10	GE15	GE 20	Täs	ĞE10
CATEGORY A	1.2	•1		900	1.0	•1		900	1.4
CATEGORY B	2.7	• 7	. 2	900	2.3	•9	• 2	900	2.1
	•••••	•••••	•••••	• • • • • • • • •	••••		•••••	•••••	• • • • • • • •
TIME (LST)		120	00 - 140	00		150	0 - 170	0	
SPEED (KTS)	GE10	GE 15	GE20	OBS	GE10	GE15	GE20	085	GE10
CATEGORY A	2.4	•1		900	3.2			900	1.3
CATEGORY 8	7.0	2.8	• 1	900	5.7	2.2	.7	900	2.9
		• • • • •					•••••		
TIME (LST)	•	•••••	••••			- 2000			
SPEED KTS				GE10			083	<b>;</b>	G!
CATEGORY A							4500		
CATEGORY B							4500		

### CENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

		FROM H	OURLY O	BSERVAT	IONS	MA	GNET	IC RUNHA	Y HEADING:	139-3	19					
EN0	LANJ A	FB LA				MO	PERIOD OF RECORD: NOV 78 - OCT 88 MONTH: APR									
A:	ANY CE				(HOURLY C											
<b>B</b> :	HIGHES			TED WIT					SPECIALS)			• • • •				
				0				0800			0 - 110					
	GE 1 Õ	GE15	GE20	088	GEIO	GE15	GE 2	085	GEIO	GE15	GE20	07B \$				
	1.0	• 1		900	1.4			900	2.3			900				
	2.3		• 2		2.1				5.6	1.4	•2	900				
••••	•••••			0				2000	••••••	210	0 - 230	00				
	GE10	GE15	GE20	OBS	GE10	GE15	GE 2	0 088	GE10	GE15	GE20	OBS				
	3.2			900	1.3	1	-	900	• 9		· ·	900				
	5.7	2.2	.7	900	2.9	.8	• 3	2 900	2.0	•3	•1	900				
• • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • •	• • • •		••••••	• • • • • •	• • • • • •	• • • • •				
	0600	- 2000				A	LL	HOURS								
E10	GE15	GE20	085		GE	10 G	E 15	GE20	085							
2.2	• 0		4500		1	. 7	.1		7200							

3.9 1.2 .3 7200

1.6 .3 4500

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWI FROM HOURLY OBSERVATIONS

USAFETACE ASITE	1666	•				I NUM II	JUNE 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4116.43	
STATION NUMBER:	74754	L	ST TO	NAME: ENG JTC: + 6						i
			CAT	EGORY A:	ANY CE	ILING	OR VISI	BILIT	Y (HOURLY (	аа₹
			CAT	EGORY B:	HIGHES	T WIND	S REPO	RTED W	ITHIN THE	Hr
	• • • • •			••••••	•••••	•••••			• • • • • • • • • •	• • •
TIME (LST)		300	0 - 02	00		030	0 - 05	30		
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	SEZO	DBS	ĠÉ10	GĒ
CATEGORY A	• 2			930	•1			930	• 9	
CATEGORY B	• 6	•1		930	. 4	. 2		930	1.1	
•••••	• • • • • •	• • • • •	• • • • •	•••••	• • • • • •		• • • • •	• • • • •		• • •
TIME (LST)		120	0 - 14	00		150	0 - 17	00		
SPEED (KTS)	GE10	GE15	GE20	280	GE10				GE10	GE
CATEGORY A	1.8			930	1.4			930	• 4	
CATEGORY B	6.7	1.2		930	4.6	1.1	•1	930	1.2	
•••••	• • • • • •	•••••	• • • • • •			••••	• • • • •		• • • • • • • •	•••
	• • • • • •	• • • • • •	• • • • • •		• • • • • •					•••
TIME (LST)					0600	- 2000	)			
SPEED KTS				GE10	GE15	GE20	08	S	G	E10
CATEGORY A				1.1			465	0		• 7
CATEGORY B				3.4	.7	.0	465	0		2.3

GE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

	FROM H	OURLY D	BSERVAT	TONS	MA	GNETI	C RUNHA	Y HEADING	139-3	19	
AND	AFB LA	••••	• • • • • •		MC	INTH:	MAY	RD: NOV 7			
7.1A CE				(HOURLY							
IIGHE!	ST WIND	S REPOR	TED WIT	THIN THE	HOUR	(HOUR	LIES +	SPECIALS)			
	030	0 - 050	0		060	0 - 0	800		090	0 - 11	00
SELO	GE15	GE20	OBS	GEIO	GE15	GE 20	088	GE10	CE15	G <u>E 20</u>	OBS
. 1			930	. 8			930	• 9			930
. 4	• 2		930	1.1	• 2	• 1	930	3.4	. 4		930
• • • • •	150	0 - 170	0	• • • • • • •	180	0 - 2	000	•••••	210	0 - 23	00
GE10	GE15	GE20	DBS.	GE10	GE15	GE20	OBS	GE10	GE15	GE20	285
1.4			930	• 4			930				930
4.6	1.1	•1	930	1.2	. 4		930	. 2			930
• • • • •		• • • • • •	•••••	•••••	• • • • • •	••••	• • • • • • •	••••••	• • • • • •	• • • • • •	• • • • •
0600	- 2000					LL	HOURS				
GE15	GE20	085		G	E10 G	E15	GE20	OBS			
		4650			• 7			7440			

OPERATING LOCATION MAN USAFETAC, ASHEVILLE NC

CATEGORY B

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CR FROM HOURLY OBSERVATIONS

STATION NUMBER:	74754			NAME: EN( UTC: + 6	GLAND A	FB LA			
••••••	• • • • •	•••••	•••••	••••••	• • • • • •	•••••	•••••	•••••	• • • • • •
			CAT	EGORY A:	ANY CE	ILING	OR VISI	BILITY	(HOURL
•••••		•••••	CAT	EGORY B:	HIGHES	T WIND	S REPOR	TED WI	THIN T
TIME (LST)		000	0 - 02	00		030	0 - 050	00	
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	085	GE 1
CATEGORY A	.1			900	• 1			900	•
CATEGORY B	• 2	.1		900	• 2			900	•
• • • • • • • • • • • •	• • • • •	• • • • •	••••	• • • • • • • • •		• • • • •	• • • • • •	•••••	• • • • • •
TIME (LST)		120	0 - 14	00		150	0 - 170	0	
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE1
CATEGORY A	.4	·		900	1.0	• 2	.1	900	•
CATEGORY B	1.8	. 4		900	2.0	.8	• 3	900	1.
••••••	•••••	•••••	•••••	• • • • • • • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • • •
TIME (LST)					0600	- 2000			
SPEED KTS				GE10	GE 15	GE20	OBS	;	
CATEGORY A				•6	•1	•0	4500	)	

.5 .1 4500

1.4

#### RECENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS MAGNETIC RUNWAY HEADING: 139-319 PERIOD OF RECORD: NOV 78 - OCT 88 ME: ENGLAND AFB LA MONTH: JUN ANY CEILING OR VISIBILITY (HOURLY OBS ONLY) RY A: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS) 0300 - 0500 0600 - 0800 0900 - 1100 BS GE10 GE15 GE20 OBS GE10 GE15 GE20 DBS GE10 GE15 GE20 OBS . 1 00 . 1 900 • 2 900 . 8 900 900 00 . 3 900 1.8 900 1500 - 1700 1800 - 2000 2100 - 2300 GE10 GE15 GE20 DBS GE10 GE15 GE20 185 GE10 GE15 GE20 088 085 900 00 1.0 • 2 .1 .1 900 • 2 900 • 6 • 1 900 900 • 3 1.1 .6 .1 900 900 2.0 .8 •6 • 2

					: = =	מאטטת 3		
GE 10 GE		GE20	OBS		GE15	GE20	OBS	
•6	.1	•0	4500	.4	.1	•0	7200	
	. 5	•1	4500			• 1		

G - 2 - 6

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NC

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CREFRON HOURLY DBSERVATIONS

STATION NUMBER	: 74754	0 S	TATION ST TO (	NAME: ENG	LAND A	FB LA			
•••••••	• • • • • •	• • • • •	•••••	• • • • • • • • • •	•••••	• ,• ••	•_•••••	• • • • • • •	•••••
			CATE	EGORY A:	ANY CE	ILING	DR VISI	BILITY	(HOURLY
			CATE	EGORY B:	HIGHES	T WIND	S REPOR	RTED WIT	HIN TH
• • • • • • • • • • • • • •			•••••	) • • • • • • • • •		• • • • • •	• • • • • •		
TIME (LST)		000	020 - 020	)0		030	0 - 050	)0	
SPEED (KTS)	GE10	GE15	GE 20	OBS		GE15		OBS	GE10
CATEGORY A				930	. 2			930	• 2
CATEGORY B				930	• 2	.1		930	•3
		• • • • •	• • • • •	• • • • • • • • •	• • • • •	•••••	•••••		• • • • • •
TIME (LST)		120	00 - 140	00		150	0 - 170	00	
SPEED (KTS)	GE10	GE15	GE20	280	GE10	GE15	GÉ20	OBS	GE10
CATEGORY A	. 4	20 to 100 to 100 to		930	1.0	.2		930	• 3
CATEGORY B	1.3	.2		930	2.6	1.1	•5	930	1.3
	• • • • • •	• • • • •				• • • • •	• • • • • •	• • • • • • •	
TIME (LST)		Marie 11 de 11 gen nome	The graph of the second		0600	- 2000			
SPEED KTS				GE10	GE15	GE20	OB	<b>S</b>	
CATEGORY A			Mar and the same of the same o	.4	.1		465	0	
CATEGORY B				1.2	. 4	2	465	۸	

Bally and Stage of the second of the

ENTA				URRENCE BSERVAT	OF CROS			IC RUNWA	Y HEADIN	I <b>G: 1</b> :	39-3	19	
ENG 6	LAND A	FB LA					PERIOD MONTH:	OF RECO	RD: NOV	78 -	- oc	T_88	
A:	ANY CE	ILING	OR VISI	BILITY	(HOURLY	OBS (	DNLY)	• • • • • • •		• • • •			_
3:	HIGHES	T WIND	S REPOR	RTED WIT	HIN THE	нои	R (HOU	RLIES +	SPECIALS	;)	• • • •		
		030	0 - 050	00		0	600 -	0800		· · · · · · · · · · · · · · · · · · ·	090	0 - 110	00
	GE10	GE15	GE20	OBS	GE10	GE1	5 GE 2	0 OBS	GE 1	0 G	E15	GE 20	OBS
	.2		<u></u>	930	• 2			930		2		<del></del>	930
	•2	•1		930	• 3	•	2 .	1 930	· · · · · · · · · · · · · · · · · · ·	4	• 2	•1	930
• • • •	• • • • •	150	0 - 170	00	•••••	1	800 -	2000		• • • •	210	0 - 230	ōō - · ·
	GE10	GE15	GE20	085	GE10	GE1	5 GE2	OBS	GEI	0 G	E15	GE20	Ö8S
	1.0	•2		930	.3	•	<u> </u>	930	<del></del>			· <del>-</del>	930
	2.6	1.1	•5	930	1.3	•	2	930		3	•1	•1	930
• • • •	• • • • •		• • • • • •		• • • • • • •	••••	• • • • •	• • • • • • •	••••••	• • • •	• • • •	• • • • • •	• • • • •
,	0600	- 2000					ALL	HOURS					
E10	GE15	GE20	OB S	<u> </u>	G	E10	GE 15	GE20	OBS				
.4	.1		4650	)		.3	•0		7440				
1.2	. 4	•2	4650	)		. 8	.3	•1	7440				

.

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSIFROM HOURLY OBSERVATIONS

				CAT	EGORY A:	ANY CE	ILING	DR VISI	BILITY	(HOURLY
				CAT	EGORY 8:	HIGHES	T WIND	S REPOR	TED WI	THIN THE
	TIME (LST)		000	0 - 02	00		030	0 - 050	0	
	SPEED (KTS)	GE10	GE 15	GE20	OBS	GE10	GE15	GE20	OBS	GE10
	CATEGORY A				930				930	
	CATEGORY B	•1	.1		930		-		930	• 3
-	•••••	• • • • • •	•••••	•••••		• • • • • •	• • • • •	•••••	•••••	• • • • • • •
	TIME (LST)		120	0 - 14	00		150	0 - 170	0	
	SPEED (KTS)	GE10	GE15	GE20	085	GE10	GE15	GE20	085	GE10
	CATEGORY A	.6			930	1.0	- 4	.1	930	•3
	CATEGORY B	1.8	• 9	• 2	930	2.6	1.2	. 4	930	5
			••••	•••••	•••••			• • • • • • •	• • • • •	
	TIME (LST)					0500	- 2000			
	SPEED KTS				GE10	GE15	GE20	DBS		G
	CATEGORY A					5 .l	•0	4650		
	CATEGORY B				1.	2 .6	•2	4650		

G - 2 - 8

	ILING			(HOURLY	M	ONTH:	OF RECO	ORD: NOV	78 - OC	T 88	••••
				(HOURLY	• • • • •	••••	• • • • • • •	• • • • • • • • • •	• • • • •	• • • • • •	
				(HOURLY	085 0	NLY)					
IGHES	ONIW T	S REPOR	TED WIT								
•			• • • • • •	HIN THE	HOUR	(HOU	RLIES +	SPECIALS)	• • • • •	• • • • • •	• • • •
	030	0 - 050	0		06	00 -	0800		090	0 - 110	00
GE10	GE15	GE20	085	GE10	GE 15	GE2	0 OBS	GE10	GE15	GE20	DBS
			930				930	•8	<del></del>		930
			930	•3	• 2		930	• 9	• 6	•2	930
• • • • •	• • • • •	• • • • • •	•••••	•••••	• • • •	••••	•••••	•••••	••••	• • • • • •	••••
	150	0 - 170	0		18	00 -	2000		210	0 - 230	0
GE10	GE15	GE20	085	GE10	GE15	GE2	0 088	GE10	GE15	GE20	DBS
1.0	. 4	.1	930	•3			930		·		930
2.6	1.2	.4	930	•5	• 2	•	1 930	•3	•1		930
• • • • •		• • • • • •	• • • • • •	•••••		••••	• • • • • • •			• • • • • •	
0500	- 2000				<del></del>	ALL	HOURS				
GE15	GE20	OBS		G	E10	GE 15	GE20	OBS			
.1	•0	4650			.3	.1	•0	7440			
• 6	•2	4650			. 8	.4	• 1	7440			

G - 2 - 8

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSI FROM HOURLY OBSERVATIONS

					UTC: + 6		L		
	•••••	• • • • • • •					• • • • • •		
AUCH) YTI.	BILIT	OR VISIE	ILING	ANY CE				····	
NITHIN C	TED W	S REPORT	T WIND	HIGHES	EGORY B:	CAT			
		0 - 0500	030		00	0 - 020	000		TIME (LST)
SS GE	OBS	GE20	GE15	GE10	OBS	GE20	GE15	GE10	SPEED (KTS)
00	900			•3	900				CATEGORY A
00	900		• 3	. 7	900			• 6	CATEGORY B
• • • • • • • • •	• • • • •	• • • • • •	•••••	••••	• • • • • • • •	• • • • •	• • • • •	• • • • •	• • • • • • • • • • • • • •
	0	0 - 1700	150		00	0 - 140	120		TIME (LST)
S GE	OBS	GE20	GE15	GE10	085	GE20	GE15	GE10	SPEED (KTS)
00	900		• 2	1.1	900			1.3	CATEGORY A
00	900	• 2	• 3	2.7	900	•1	.3	3.2	CATEGORY B
	• • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • •	• • • • • •	• • • • • •		•••••
			- 2000	0600					TIME (LST)
		OBS	GE20	GE15	GE10				SPEED KTS
		4500		.0	.8				CATEGORY A
		4500	•1	. 2	1.9				CATEGORY B
· •									

G - 2 -

والمعيوريون المالا الما

GE10 GE15 GE20 DBS GE10 GE15 GE20 DBS GE10 GE15 GE20  .3 900 .3 900 .9  .7 .3 900 .8 .2 900 2.1 .1	EP	MONTH:							
E ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)  HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)  0300 - 0500				• • • • • • • • • •			FB LA	LAND A	
0300 - 0500	IES + SPECIALS)	ONLY)					ILING	ANY CE	<u> </u>
GE10 GE15 GE20 DBS GE10 GE15 GE20 DBS GE10 GE15 GE20  .3 900 .3 900 .9  .7 .3 900 .8 .2 900 2.1 .1  1500 - 1700		JR (HOU	E HOU	ITHIN THE	TED W	S REPOR	T WIND	HIGHES	3
.3 900 .3 900 .9 .7 .3 900 .8 .2 900 2.1 .1  1500 - 1700 1800 - 2000 2100 - 2300  GE10 GE15 GE20 DBS GE10 GE15 GE20 DBS GE10 GE15 GE20  1.1 .2 900 .1 900  2.7 .3 .2 900 .6 .1 900 .6  0600 - 2000 ALL HOURS  0 GE15 GE20 DBS GE10 GE15 GE20 DBS  8 .0 4500 .5 .0 7200	00 0900 - 1100	600 -	C		0	0 - 050	030		
.7 .3 900 .8 .2 900 2.1 .1  1500 - 1700 1800 - 2000 2100 - 2300  GE10 GE15 GE20 DBS GE10 GE15 GE20 DBS GE10 GE15 GE20  1.1 .2 900 .1 900  2.7 .3 .2 900 .6 .1 900 .6  0600 - 2000 ALL HOURS  0 GE15 GE20 DBS GE10 GE15 GE20 DBS  8 .0 4500 .5 .0 7200	OBS GE10 GE15 GE20 OBS	5 GE2	GE1	GE10	OBS	GE20	GE15	GE10	
1500 - 1700	900 •9 900			.3	900			• 3	
GE10 GE15 GE20 DBS GE10 GE15 GE20 DBS GE10 GE15 GE20  1.1 .2 900 .1 900  2.7 .3 .2 900 .6 .1 900 .6  0600 - 2000 ALL HOURS  0 GE15 GE20 DBS GE10 GE15 GE20 DBS  8 .0 4500 .5 .0 7200	900 2.1 .1 900	2	•	.8	900		•3	•7	
GE10 GE15 GE20 DBS GE10 GE15 GE20 DBS GE10 GE15 GE20  1.1 .2 900 .1 900  2.7 .3 .2 900 .6 .1 900 .6  0600 - 2000 ALL HOURS  0 GE15 GE20 DBS GE10 GE15 GE20 DBS  8 .0 4500 .5 .0 7200		•••••	• • • •	• • • • • • • •	••••	• • • • • •	• • • • •	• • • • •	• •
1.1 .2 900 .1 900 2.7 .3 .2 900 .6 .1 900 .6  0600 - 2000 ALL HOURS  0 GE15 GE20 OBS GE10 GE15 GE20 OBS  8 .0 4500 .5 .0 7200	00 2100 - 2300	800 -	ì		0	0 - 170	150		
2.7 .3 .2 900 .6 .1 900 .6  0600 - 2000 ALL HOURS  0 GE15 GE20 DBS GE10 GE15 GE20 DBS  8 .0 4500 .5 .0 7200	OBS GE10 GE15 GE20 OBS	5 GE2	GE1	GE10	DBS	GE20	GE15	GE10	
0600 - 2000 ALL HOURS  0 GE15 GE20 DBS GE10 GE15 GE20 DBS  8 .0 4500 .5 .0 7200	900 900			•1	900		• 2	1.1	
0 GE15 GE20 OBS GE10 GE15 GE20 OBS 8 .0 4500 .5 .0 7200	900 •6 900	1	•	.6	900	• 2	• 3	2.7	
0 GE15 GE20 OBS GE10 GE15 GE20 OBS 8 .0 4500 .5 .0 7200	•••••••	• • • • •		• • • • • • •	• • • • •	• • • • • •	• • • • •		••
0 GE15 GE20 DBS GE10 GE15 GE20 DBS 8 .0 4500 .5 .0 7200	niir s	All					- 2000	0600	••
8 .0 4500 .5 .0 7200			E10						0
		······································							
							• 1	_	
			· · ·	· <del></del>					

G - 2 - 9

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

STATION NUMBER: 747540

SPEED KTS

CATEGORY A

CATEGORY B

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSW FROM HOURLY OBSERVATIONS

•••••				UTC: + (	•	- 	• • • • •	• • • • • • •	• • • • • • • • •
									(HOURLY O
			CAT	EGORY 8:	HIGHES	T WIND	S REPO	RTED WI	THIN THE
TIME (LST)			0 - 02				0 - 05		
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	085	GE10 (
CATEGORY A	.8			930	.8	• 2	•1	930	•8
CATEGORY B	1.0	.4	• 2	930	1.1	• 5	.3	930	1.1
•••••••	• • • • • • •	•••••	•••••	•••••		• • • • •	• • • • •	• • • • • •	• • • • • • • •
TIME (LST)		120	0 - 14	00		150	0 - 17	00	
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	DBS	GE: 0
CATEGORY A	1.9	•1		930	1.2	to the second of	<del></del>	930	• 9
CATEGORY B	3.5	1.5	.8	930	2.3	.8	• 5	930	1.2
••••••	• • • • • • •	•••••	• • • • • •	•••••	• • • • • • •				
TIME (LST)				· +··· ,, _,	0500	- 2000			

GE10 GE15 GE20

. 2

. 1

1.3

2.2

STATION NAME: ENGLAND AFB LA

085

4647

4647

GE1

	FKUM H	UUKLY U	BSERVATI		М	AGNET	IC	RUNHA	Y HEA	DING:	139-3	19	
AND A	FB LA		• • • • • • •	• • • • • •		ERIOD			RD:	NOV 7	8 <b>-</b> OC	T 88	• • • • •
NY CE	ILING	OR VISI	BILITY (	HOURLY	OBS 0	INLY)							
IGHES	DAIN T	S REPOR	TED WITH	IN THE	HOUR	(HOU	RLI	ES +	SPECI	ALS)			
	030	0 - 050	0		Ō6	00 -	080	<del>-</del>			090	0 - 11	00
GE10	GE15	GE20	DBS	GE10	GE15	GE2	0	OBS		GE10	GE15	GE20	OBS
. 8	• 2	.1	930	.8	• 3		3	930		1.6			930
1.1	• 5	•3	930	1.1	• 6		4	930	-	3.0	1.2	.8	930
• • • • •	•••••	• • • • • •	•••••	•••••	• • • • •	••••	•••	• • • • •	••••	••••	•••••	• • • • • •	• • • • •
	150	0 - 170	0		18	00 -	200	0			210	0 - 23	00
GE10	GĒ15	GE20	DBS	GE10	GE 15	GE 2	0	0BS		GE10	GE15	GE20	088
1.2			930	•9	•1			927		1.1	.1		927
2.3	. 8	•5	930	1.2	• 6	•	3	927		1.5	• 8	• 2	927
• • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • •	• • •		• • • • •	• • • • •	• • • • • •	• • • • • •	• • • • •
0500	- 2000		_			ALL	нон	JRS					
GE 15	GE20	085		G	E10	GE15	GE	20	089	<b>.</b>			
• 2	•1	4647	····	··	1.1	•2		• 1	7434	<b>)</b>			
. 9	• 6	4647			1.8	• 8		. 4	7434				

G + 2 - 10

)

## OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSI FROM HOURLY OBSERVATIONS

STATIO	N NUMBER:	74754	0 S L	TATION ST TO	NAME: EN UTC: + 6	IGLAND A	FB LA	• • • • •		• • • • • • • • •
				CAT	EGORY A:	ANY CE	ILING	OR VIS	IBILITY	(HOURLY )
• • • • •										THIN THE
TIME (	LST)		000	0 - 02	၀၁		030	0 - 05	00	
SPEED	(KTŠ)	GE10	GE15	GE20	08\$	GE10	GE15	GE20	085	GE10
CATEGO	RY A	.6			900	.7			900	• 3
CATEGO		1.3			900			•1		1.1
TIME (		••••		0 - 14		•••••		0 - 17		• • • • • • • • •
SPEED	(KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	085	GE10
CATEGO	RY A	1.9	.1		900	1.1			900	. 4

the control of the co					
TIME (LST)		0500	- 2000		
SPEED KTS	GE10	GE15	GE20	08 <b>S</b>	GE
CATEGORY A	1.3	.1		4500	1
CATEGORY 8	3.1	1.1	• 2	4500	2

CATEGORY 8 5.6 2.2 .3 900 2.3 .8

900

1.2

## GE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

					М.	AGNET	IC RUNWA	Y HEADING	139-3	319	
LAND A	AFB LA	• • • • • •			Mi	ONTH:	NOV	RD: NOV 7			• • • • •
ANY CE				(HOURLY	7.7.7						<del></del>
			-	and the second second	-			SPECIALS)		• • • • • •	• • • • •
		0 - 050				00 -				00 - 11	
GELO	GE15	GE20	085	GF10	GE15	GE2	0 085	GEIO	GE 15	GE20	085
.7			900	. 3			900	2.7	• 2		900
1.3	• 6	•1	900	1.1	•1		900	5.1	1.8	. 4	900
• • • • •		0 - 170		• • • • • • •			2000	• • • • • • • • •		0 - 23	00
SE10	GE15	GE20	085	GE10	GE15	GE 2	0 08S	GE10	GE 15	GE20	388
1.1			900	.4			900	.4			900
2.3	.8		900	1.2	•6		900	1.2	•3		900
0500	- 2000	• • • • • •	•••••	• • • • • • •		ALL	HOURS	• • • • • • • • •			• • • • •
		OBS.		G			GE20	DBS			
		4500			1.0						
		4500			2.4						

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSI FROM HOURLY DBSERVATIONS

STATION NAME: ENGLAND AFB LA STATION NUMBER: 747540

LST TO UTC: + 6

•••••	• • • • •	• • • • •	• • • • • •	••••••	•••••	• • • • •	• • • • • •	•••••	• • • • • • • • •	1
			CATE	GORY A:	ANY CE	ILING	DR VISI	BILITY	(HOURLY D	4
			CATE	EGORY 8:	HIGHES	T WIND	S REPOR	RTED WI	THIN THE	4
••••••	• • • • • •	• • • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • •	•••••	•••••	1
TIME (LST)		000	0 - 020	00		030	0 - 050	00		1
SPEED (KTS)	GE10	GE15	GE20	085	GE10	GE15	GE20	085	GE10	G
CATEGORY A	• 6			930	1.1	.1		930	• 6	1
CATEGORY B	1.6			930	2.3	•3	.1	930	1.5	1
•••••••	••••	• • • • •	•••••	• • • • • • • •		• • • • •	• • • • • •			·
TIME (LST)		120	0 - 14	00		150	0 - 17	00		
SPEED (KTS)	GE10	GE15	GE20	088	SE10	GE15	GE20	OBS	GE10	9
CATEGORY A	3.0	.1		930	1.5	• 1		930	1.1	
CATEGORY B	5.8	2.6	. 3	930	4.3	1.5	. 3	930	2.0	1
••••••	• • • • • •	• • • • • •	•••••	• • • • • • • •	n	•••••		• • • • • •	• • • • • • • • •	
TIME (LST)					0500	- 2000	)			1
SPEED KTS				GE10	GE15	GE20	08	S	GE	1
CATEGORY A				1.6	.1		465	0	1	$\cdot  $
CATEGORY B				3.6	1.4	• 2	465	0	2	•

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

						M/	GNETI	C RUNHA	Y HEADING:	139-3	19	
NAME: EN(	GLAND A	FB LA			• • • • • • • •		RIOD DNTH:	_	RD: NOV 7	8 - OC	T 88	• • • • •
ORY A:	ANY CE	ILING	OR VIS	IBILITY	(H)URLY	OBS O	NLY)		·			· · · · · ·
GORY 8:	HIGHES	T HIND	S REPO	RTED WI	THIN THE	HOUR	(HOUR	LIES +	SPECIALS)	••••	••••	• • • • •
0		030	0 - 050	00		060	0 - 0	800		090	0 - 110	00
OBS	GE10	GE15	GE20	085	GE10	GE15	GE20	085	GE10	GE 15	GE20	OBS
930	1.1	•1		930	•6			930	1.8			930
			.1		1.6			930			.1	
)	• • • • • •		0 - 170		• • • • • • • •		00 - 2		• • • • • • • •		00 - 23	
OBS	GE10	GE15		D'B S	GE10				GE10	_		OBS
930	1.5	•1		930	1.1	.1		930	•6			930
930	4.3	1.5	• 3	930	2.0	• 5	• 1	930	1.5	•6	•1	930
		• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • •	• • • • •	• • • • • • •	• • • • • • • • • •	• • • • •		••••
	0600	- 2000					ALL	HOURS				
GE10	GE15	GE20		S	G	E10	GE15	GE20	OBS			
1.6	.1		4650	0		1.3	.1		7440		<del></del>	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CROS! FROM HOURLY DBSERVATIONS

STATION NUMBER: 747540 STATION NAME: ENGLAND AFB LA LST TO UTC: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY [ CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE 0000 - 0200 0300 - 0500 TIME (LST) SPEED (KTS) GE10 GE15 GE20 OBS GE10 GE15 GE20 OBS GE10 .1 .0 10959 CATEGORY A • 0 10959 • 6 . 6 . 7 CATEGORY B 1.2 .3 .1 10959 1.3 .1 10959 1.3 TIME (LST) 1200 - 1400 1500 - 1700 GE10 GE15 GE20 DBS GE10 SPEED (KTS) GE10 GE15 GE20 DBS CATEGORY A 2.2 .1 .0 10959 .2 .0 10958 . 9 2.0 1.6 .3 10959 1.3 .3 10958 1.8 CATEGORY B 4.9 4.2 TIME (LST) 0600 - 2000 GE10 GE15 GE20 OBS GE SPEED KTS CATEGORY A •1 •0 54791 1.5 CATEGORY B 1.0 .2 54791 3.1

G - 2 - 13

	FRUM M	JUKLT	JBSERVAT	T T M 2	MA	GNETI	C RUNWA	Y HEADING	: 139-3	19	
AND A	FB LA	····				RIOD NTH:		RD: NOV	78 <b>-</b> DC	T 88	
• • • • •	•••••	• • • • • •	• • • • • • •	•••••	• • • • •	••••	• • • • • •	• • • • • • • •	•••••	••••	• • • • • · · ·
NY CE	ILING	OR VIS	IBILITY	(HOURLY	OBS ON	ILY)					
IGHES	T HIND	S REPOI	RTED WIT	HIN THE	HOUR	(HOUR	LIES +	SPECIALS)		<del></del>	
• • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • •	• • • • • •	• • • • • • • • •	• • • • • •	• • • • • •	• • • • •
	030	0 - 050	00		060	0 - 0	800		090	0 - 11	00
GE10	GE15	GE20	OBS	GE10	GE15	GE20	DBS	GE 10	GE15	GE20	085
• 6	•1	• 0	10959	.7	1	•0	10959	1.8	.1		10959
1.3	. 4		10959	1.3	4	.1	10959	3.4	1.0	.2	10959
					• • • • •				•••••	••••	• • • • •
	150	0 - 17	00		180	NO - 2	000		210	10 - 23	ŌÖ
GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
2.0	• 2	•0	10958	.9	.1	•0	10956	• 5	.1	.0	10956
4.2	1.3	.3	10958	1.8	.6	.1	10956	1.3	.4	· I	10956
• • • • •		• • • • • •	• • • • • • •	•••••	• • • • •		• • • • • •		• • • • • •	• • • • •	• • • •
• • • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • •	• • • • •	•••••	• • • • • • • •	•••••	• • • • •	
0600	- 2000					\LL	HOURS				
GE15	GE20	089	<u>S</u> .	G	E10 0	E15	GE20	085			
• 1	•0	5479	1		1.2	.1	• 0	87665	···		<u></u>
1.0	• 2	5479	ì		2.4	• 8	•2	87665			
	-			WF. 77 F TO 22 - 1 - 1 - 1 - 1							
						<del></del>	<u>.</u>				<del></del>

ререр	ррр	AAA	AAA	RRRRR	RRRR	TITITIT	ŤŤ
РРРР		AAAA		RRRRR		TTTTTTT	TT
PP	PP	AA	AA	RR	RR	TT	
PΡ	PΡ	AA	AA	RR	RR	TT	
 PPPPP	PPPP	AA	AA	RRRR	RRRR	11	
РРРРР	ррр	AAAA		RRRRR	RRRR	11	
PP		AAAAA	AAAA	RR	RR	TT	
PP		AA	AA	RR	RR	77	
ρp		ÁA	AA	RR	RR	TT	-
ρp		ΔΔ	AA	RR	RR	TT	

فقير بين معرضه معينية ميين بدن الرواد 
H-I-I

•				
RRRRRRRR	TITITITIT	НН	НН	
RRRRRRRRR	TTTTTTTTT	НН	НН	
2777777				
RR RR	TT	НН	НН	
RR RR	TT	HH	НН	
RRRRRRRR	77	ннинн		
RRRRRRRR	TT	ннинн		
RR RR	71	НН	НН	
	ŤŤ		нн	
		НН		
RR RR	77	НН	нн	
RR RR	TT	нн	нн	
NA NA				
		<del></del>		
н - 1				

**9** 5

~ \*

. ..

. -- . ---

. .

#### DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY DBSERVATIONS (MAX+MIN/2 WHEN AVAILATHE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOT THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 H

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPER FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS US TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND

	SUMMARIES		FOR	PART	TIME	ţ

н - 1 - 2

#### PART H

#### DEGREE DAY SUMMARIES

REE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980)
E). THE 30-YEAR POR PROVIDES ANS USERS WITH A SUMMARY
OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE
CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL
990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT ATED (FILLED IN) AUTOMATICALLY.

REE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, TO HAVE 8 HEATING DEGREE DAYS.

FREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE IS ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 AY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

HEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD RE® AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR IRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

MARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

H - 1 - 2

## OPERATING LOCATION "A" USAFETAC. ASHEVILLE NC

### HEATING DEGREE DAYS FROM HOURLY OBSERVATIONS

	STATION NUM	IBER: 7475	40 ST	ATION NA OTU CT T	ME: ENGL	AND AFB	LA		
	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
			• • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •
	1943			167		_			
	1944	452	215	157	57	5			-
		`							
<u>.</u>	1952					2			
	1953	322	313	54	53				
	1954	365	179	239	18	21			
	1955	430	310	177	15				
	1054	475	241	205	76				
	1956 1957	380	179	198	62	6			
	1957	542	499	280	41	6			:
	1956	519	324	214	79				
	1960	524	521	405	29	10			
	1900	224	721	403	27	10			
	1961	602	285	114	133	13			
	1962	607	171	318	<sup>-</sup> 99 35	8			
	1963	688	501	147		. 0			
	1964	516	491	187	36 36	1			
	1965	424	403	427	26	1			····
	1966	623	439	222	42	2			
	1967	516	429	120	6	7			
	1968	579	637	294	30				
	1969	393	333	349	36		1		
	1970	617	362	235	47	7			
				"					
	1971	415	352	297	102	6			
	1972	373	332	170	50			***	***
	1974	****	****	****	***	****	***		
	1975	324	305	200	83				

### HEATING DEGREE DAYS FROM HOURLY OBSERVATIONS

### BASE TEMPERATURE 65

28 77 325 4 27 204 4 53 45 253 4 18 21 66 205 3 15 62 283 3 76 10 278 2 62 6 96 215 3 41 51 213 5 79 35 341 3 29 10 35 170 5	EC ANN 56 886 87 1604
2     145     279     4       53     45     253     4       18     21     66     205     3       15     62     283     3       76     10     278     2       62     6     96     215     3       41     51     213     5       79     35     341     3       29     10     35     170     5	56 886
2     145     279     4       53     45     253     4       18     21     66     205     3       15     62     283     3       76     10     278     2       62     6     96     215     3       41     51     213     5       79     35     341     3       29     10     35     170     5	
53     45     253     4       18     21     66     205     3       15     62     283     3       76     10     278     2       62     6     96     215     3       41     51     213     5       79     35     341     3       29     10     35     170     5	
53     45     253     4       18     21     66     205     3       15     62     283     3       76     10     278     2       62     6     96     215     3       41     51     213     5       79     35     341     3       29     10     35     170     5	
18       21       66       205       3         15       62       283       3         76       10       278       2         62       6       96       215       3         41       51       213       5         79       35       341       3         29       10       35       170       5         133       13       67       254       4	25 851
76     10     278     2       62     6     96     215     3       41     51     213     5       79     35     341     3       29     10     35     170     5	64 1504
76     10     278     2       62     6     96     215     3       41     51     213     5       79     35     341     3       29     10     35     170     5	52 1445
62 6 96 215 3 41 51 213 5 79 35 341 3 29 10 35 170 5	64 1641
41     51     213     5       79     35     341     3       29     10     35     170     5	36 1521
79 29 10 35 341 3 35 170 5	28 1464
29 10 35 170 5 133 13 67 254 4	17 2143
133 13 67 254 4	70 1882
	19 2213
	13 1891
	97 2017
	75 2284
	26 1968
26 1 **** 91 92 3	76 1840
	71 2011
	84 1770
	44 2314
	16 1836
<b>47 7</b> 85 309 2	91 1953
	02 1644
50 **** **** **** **** **	
	99 689
83 16 47 260 4	89 1724

 1976	546	196	175	42	9	
1977	705	310	126	17	•	
1978	720	566	264	41	8	
1979	720	464	205	34	5	
1980	414	423	229	65	· -	
 1981	602	386	263	16	10	
1982	470	382	143	93		
1983	475	344	231	124	1	
1984	633	338	184	58	5	
 1985	642	470	82	35		
1986	452	262	150	41		
1987	538	296	256	105		
1988	589	349	206	39 • • • • • • • •	2	• • • • • • • • • • • • • • • • • • • •
 MEAN	519	360	214	53	3	0
SD	113.15	113.63	82.32	31.86	4.82	. •17
						<del> </del>
			ann areann a a corre	• · · · · · · · · · · · · · · · · · · ·		
	-					
	a kalaman anang a Pandiga ang Palaman ang ang Pangan ang ang ang ang ang ang ang					
	<del>-</del> · · · .					

H - 2 - 1A

t

• 82	•17	6.81	34.39	66.22	103.35	<u></u>	
3	0	2	60	235	419		
2	• • • • • • • • • • • • • • • • • •		32	• • • • • • •	• • • • • • • •	1217	
			115	198	320	1828 1217	
		<del></del>	54		483	1624	
		2	33	131	534	1929	<del></del>
5		11	20	256	183	1688	
1		12	49	228	635	2099	
	The second secon	4	71	198	308	1669	
10		5	74	141	434	1931	
			101	312	475	2020	
5			25	328	452	2233	
8			61	147	406	2213	
-			153 56	388 172	451 428	1960 1814	

H - 2 - 1A

. . . . .

+

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

STATION NU	MBER: 7475	i40 ST LS	ATION NA T TO UTC	ME: ENGL : + 6	AND AFB	LA			
YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
1943	••••••	•••••	• • • • • • • • • • • • • • • • • • • •			• • • • • • •	••••••	******	
1944	1	62	50	159	323	583	640	596	4
1053	an na ann an an an an an an an		=	· · · · · · · · · · · · · · · · · · ·	288	5/3	F07		1
1952 1953	7	2	101	105	369	563 606	597 557	624 562	
1954	9	20	67	227	200	543	635	661	
1955	16	19	145	215	398	425	540	532	4
1956	15	41	47	120	392	446	614	579	4
1957	19	7د	23	186	366	491	600	587	3 4
1958			11	142	354	524	601	543	
1959	4	23	12	111	377	484	559	572	4
1960	17	4	14	128	268	515	551	526	4
1961		12	71	80	244	386	506	473	3
1962	6	36	10	99	327	405	550	575	3
1963	4	4	78	177	322	485	551	55 <del>6</del>	4
1964	1		28	156	297	456	502	535	3
1965	9	6	12	175	233	434	595	545	**
1966	6		31	168	311	435	631	524	3
1967	10	2	110	227	246	480	461	469	2
1968	1		31	136	308	496	511	520	2
1969 1970	18	4	· · · · · · · · · · · · · · · · · · ·	98	261	466	605 5 <b>7</b> 3	547 587	- 3 4
1710	17	2	15	203	301	471	913 		4
1971	28	7	25	106	227	512	556	479	3
1972	24	15	32	179	311	478	***	***	**
1974	****	***	***	****	****	***	542	524	2
1975	38	20	75	112	278	428	470	457	2

### COOLING DEGREE DAYS FROM HOURLY OBSERVATIONS

### BASE TEMPERATURE 65

NGL	AND AFB L	. A		· .	PER	IOD OF R	RECORD: S	EP 43	OCT 88
R	MAY	JUN	JUL	AUG	SEP	OC Ť	VÉN	DEC	ANN
• • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • • • •		• • • • • •	
					271	102	17	17	407
59	323	583	640	596	450	131	49	3	3047
		~							
	288	563	597	624	377	50	44	7	2550
)5	369	606	557	562	425	219	17		2970
7	200	543	635	661	479	236	16	11	3104
.5	398	425	540	532	480	147	80	33	3030
20	392	446	614	579	405	182	53	34	2928
36	366	491	600	587	331	117	56	10	2843
2	354	524	601	543	457	133	49		2814
. 1	377	484	559	572	437	220	46		2845
8	268	515	551	526	422	214	35	7	2701
30	244	396	506	473	364	128	26	2	2292
19	327	405	550	575	351	165	8		2532
'7	322	485	551	556	408	205	33		2923
5	297	456	502	535	368	64	58	24	2489
'5	299	434	595	545	****	122	70	4	2272
18	311	435	631	524	389	111	66	18	<b>2690</b>
7	246	480	461	469	263	82	28	14	2392
6	308	496	511	520	268	169	15		2455
8	261	466	605	547	374	196	20		2593
3	301	471	573	587	458	100	11	39	2777
16	227	512	556	479	399	212	34	39	2624
9	311	478	****	***	****	****	****	****	1039
*	****	****	542	524	268	87	46	25	1492
2	278	428	470	457	241	97	70		2291

1976	5	27	61	99	147	366	484	493	3⊢
1977		13	65	129	384	542	613	574	4
1978	8	3	15	113	324	418	567	544	4
1979	2	8	36	97	223	438	560	560	3
1980		23	30	53	298	494	642	625	5
1981	*** <del>***</del> * # *	6	5	175	178	483	616	576	3
1982	37	8	146	127	337	478	583	556	
1983	,	J	21	51	239	406	561	542	3
1984		9	36	116	283	429	485	490	2
1985		6	48	155	288	454	530	521	2.
1004		24	44	139	203	424	403	524	1
1986	•	34	5	91	293 319	436 429	602 514	534 540	3
1987	3	7	21			= :	-	568	2
1988	4	,	21	113	222	432	576	584	"
• • • • • • • •			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			
MEAN	8	13	43	136	294	469	563	548	2
SO	10.47	15.92	37.10	44.97	59.86	54.22	49.26	45.00	75.

H - 3 - 1A

9.86	54.22	49.26	45.00	73.04	58.93	20.75	17.12	
294	469	563	548	380	142	39	13	
••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •	••••
222	432	576	584	405	75		- •	2439
319	429	514	568	309	23	28	17	2306
293	436	602	534	479	130	62	. 4	2757
288	454	530	521	356	229	86		2673
283	429	485	490	299	247	26	73	2493
239	406	561	542	309	140	45	خت	2314
337	478	583	556	330	153	48	50	2853
178	483	616	576	349	184	26		2598
298	494	642	625	541	102	33	3	2844
223	438	560	560	368	213	23	1	2529
324	418	567	544	430	103	51	25	2601
384	542	613	574	466	138	32	15	2971
147	366	484	493	360	53	7		2099

H - 3 - 1A

Annual Control of the 
			• • • • • • •	• • • • • • •				
A W S	STATION N	IAME: E	NGLAND	AFB LA				
, <b>3</b>	LATITUDE/	'LONGITU		20 N	092 3	3 W		
CLIMATIC BRIEF	HOURLY DE	S POR:	NOV 78	- OCT	88			
	SUMMARY C			P 43 -	NOV 45.	APR 52	- OCT	88 (7)
	HOURS SUP		: 0000	- 2300	LST (	EXCEPT	06-23 L	ST 720
SEP 89	LST TO UT	C: _+U6					÷	•
		JAN	FEB	MAR	* * * * * * * * * * * * * * * * * * *		1146/	4141
MUI	NTH			MAK	APR	MAY	JUN	JUL
EXTRM MAX TEMP	(F)	82	86	88	92	98	102	104
MEAN MAX TEMP		57.4	62.1	69.6	77.3	83.8	89.7	91.8
MEAN TEMP (F		48.1	52.4	59.5	67.2	73.9	80.2	82.7
MEAN MIN TEMP		38.4	42.2	49.0	56.7	63.6	70.1	73.1
EXTRM MIN TEMP	(F)	10	18	24	31	44	53	57
• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
D/W TEMP GE 10		0	0	0	0	0	1	1
	0 (F)	•	0	0	1	4	17	23
	3 (F)	10 1	5 #	10	. <u>\$</u> 0	·	0	. 0
D/W TEMP LT 2	0 (F)	1	¥		0		0	0
HEATING DEGREE	DAYS	519	360	214	53	3	·	
COOLING DEGREE		8	13	43	136	294	469	563
	• • • • • • • • •				•••••	•••••	• • • • •	
THICHWAD HAM	TEMP (F)	35.1	39.9	47.1	53.4	61.3	68.0	71.1
MEAN WET BULB	TEMP (F)	41.6	46.0	53.0	59.0	65.6	71.6	74.3
99.95% WCPA (F	T)	500	550	550	500	350	300	250
•••••	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
MEAN REL HUM O		74.0	75.8	78.0	77.6	80.0	81.4	82.3
MEAN REL HUM 1	3 LST(%)	57.3	57.6	54.0	52.1	55.1	57.0	57.2
MAX 24HR PRECI	• • • • • • • • • • • • • • • • • • •	4.75	3.81	5.04	10.18	4.22	6.17	3.64
	IN)	13.03	10.99	15.55	13.22	17.22	11.79	11.16
	IN)	4.83	5.02	5.13	4.61	5.49	3.93	4.64
	IN)	1.19	.80	.40	.61	.54	.71	• 39
DZW PRECIP GE		10	9	9	8 -	8	8	11
D/W PRECIP GT		3	3	3	3	3	2	3
• • • • • • • • • • • • • • • • •	• • • • • • • • •				• • • • • •	• • • • • •	• • • • • •	
MAX 24HR SNFL	(IN)	2.5	5.1	1.0	0	0	0	0
MAX SNFL (IN)	-	3.4	9.1	1.0	0	0	0	0
MEAN SNFL (IN)		. 4	• 2	<del>*************************************</del>	0	0	0	0
	I (IN)	Ī	ir 	#	0	0	0	0
D/W SNFL GE 1.	) (IN)		#	0	0	0	0	0
MAX DLY SNO DE	**************************************	· • • • • • • • • • • • • • • • • • • •	9	* * * * * * * * * * * * * * * * * * *	0	0	0	0
THA DET SHE DET			7	<b>V</b> ~				
MEAN SEC WND D	IR (DEG)	\$330	\$330	\$180	\$180	\$180	\$180	\$180
MEAN WND SPD (		4.2	4.8	4.8	4.1	3.3	2.5	2.1
MAX WND SPD (	-	52	44	56	58	63	72	44
• • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •		•••••	• • • • • •	• • • • • •	• • • • •
SKY COVER GT 1		56.0	62.4	52.0	52.7	50.0	43.4	39.0
D/W THUNDERSTO		2	3	5	5	7	9	13
D/W FOG (VSBY I	LT 7 MI)	17	15	16	17	19	19	18
(CCENT AND -	• • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	nn	R/YOR =	DEDIN	YEADC
LEGEND: ANN = 1		6 6- A-	~ve~;;;;••□		PU			CASE M
£ = 1	MEAN NUMBE Based on L	ECC TIME	VI EIII I	MONTHS				THAN O.
** =	INSTANTANE	.C33 THA	N FULL					ITAGE D
	DATA NOT					•		ND DIR

\* = DATA NOT AVAILABLE

ON 092 33 M	BLA		·····			<del></del>				ELEV:		
43 - NOV 45, APR 52 - OCT 88 (7207-7406) PART TIME) 2300 LST (EXCEPT 06-23 LST 7207-7406) SUPERCEDES: JUL 84  AR APR MAY JUN JUL AUG SEP DCT NOV DEC ANN YDR 68 92 98 102 104 105 100 96 87 82 105 39 59.5 67.2 73.9 80.2 82.7 82.2 77.4 67.3 68.7 60.9 76.8 39 49.0 56.7 63.6 70.1 73.1 72.4 67.1 55.3 47.0 41.2 56.8 39 49.0 56.7 63.6 70.1 73.1 72.4 67.1 55.3 47.0 41.2 56.8 39 49.0 56.7 63.6 70.1 73.1 72.4 67.1 55.3 47.0 41.2 56.8 39 0 0 0 1 1 1 1 1 \$ 0 0 0 0 3 39 0 1 4 17 23 23 13 2 0 0 83 39 0 1 4 17 23 23 13 2 0 0 83 39 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N C	092 3	3 W									
2300 LST (EXCEPT 06-23 LST 7207-7406)  AR APR MAY JUN JUL AUG SEP DCT NDV DEC ANN YUR  88 92 98 102 104 105 100 96 87 82 105 39  69.6 77.3 83.8 89.7 91.8 91.6 87.3 78.9 68.7 60.9 76.8 39  59.5 67.2 73.9 80.2 82.7 82.2 77.4 67.3 98.1 51.3 66.9 39  59.5 65.7 63.6 70.1 73.1 72.4 67.1 55.3 47.0 41.2 56.6 39  24 31 44 53 57 57.3 36 30 22 12 10 39  0 0 0 1 1 1 1 1 5 0 0 0 3 3 39  1 2 0 0 83 39  1 2 0 0 0 0 0 0 0 0 0 0 0 83 39  1 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 39  214 53 3 3 5 3 2 3 3 3 2 3 3 3 7 26 39  214 53 3 3 5 3 5 3 5 3 3 5 3 30 12 2 3 39  214 53 3 3 5 5 3 5 3 5 3 3 5 3 3 3 3 3 3 3									CALL	SIGN: K	AEX	
AR APR MAY JUN JUL AUG SEP DCT NOV DEC ANN YOR  88 92 98 102 104 105 100 96 87 82 105 39  69.6 77.3 83.8 89.7 91.8 91.6 87.3 78.9 68.7 60.9 76.8 39  49.0 56.7 63.6 70.1 73.1 72.4 67.1 55.3 47.0 41.2 56.6 39  49.0 56.7 63.6 70.1 73.1 72.4 67.1 55.3 47.0 41.2 56.6 39  0 0 0 1 1 1 1 1 8 0 0 0 0 3 3 39  0 1 4 17 23 23 13 2 0 0 83 39  0 1 4 17 23 23 13 2 0 0 83 39  0 1 4 17 23 23 13 2 0 0 83 39  0 0 0 0 0 0 0 0 0 0 0 0 0 3 3 39  1 8 0 0 0 0 0 1 2 3 39  214 53 3 3 5 53.0 58.8 46.2 57.4 67.1 55.5 3 47.0 41.2 56.6 39  214 53 3 3 5 53.0 55.0 65.5 71.6 74.3 74.4 69.0 60.3 52.9 46.2 59.5 10  550 500 350 300 250 250 300 400 450 500 500 10  77.1 53.4 61.3 68.0 71.1 71.4 65.3 55.8 47.9 40.5 54.8 10  550 500 350 300 250 250 300 400 450 500 500 10  78.0 77.6 80.0 81.4 82.3 84.2 83.4 82.7 79.1 76.3 79.6 10  5.04 10.18 4.22 6.17 3.64 7.15 5.60 7.87 8.36 5.72 10.18 39  15.55 13.22 17.22 11.79 11.16 11.12 11.37 17.65 16.69 13.69 84.10 39  15.55 13.22 17.22 11.79 11.16 11.12 11.37 17.65 16.69 13.69 84.10 39  15.0 50 50 50 50 0 0 0 0 0 0 0 0 0 0 0 0							PART T	IME)				
98 92 98 102 104 105 100 96 87 82 105 39 69.6 77.3 83.8 89.7 91.8 91.6 87.3 78.9 68.7 60.9 76.8 39 59.5 67.2 73.9 80.2 82.7 82.2 77.4 67.3 58.1 51.3 66.9 39 49.0 56.7 63.6 70.1 73.1 72.4 67.1 55.3 47.0 41.2 56.6 39 24 31 44 53 57 57 36 30 22 12 10 39  0 0 0 1 1 1 1 1 8 0 0 0 3 3 9 0 1 4 1 7 23 23 13 2 0 0 83 3 7 26 39 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2300	LST (	EXCEPT	06-23 L	ST 7207	-7406)			SUPER	CEDES:	JUL 84	
98 92 98 102 104 105 100 96 87 82 105 39 69.6 77.3 83.8 89.7 91.8 91.6 87.3 78.9 68.7 60.9 76.8 39 59.5 67.2 73.9 80.2 82.7 82.2 77.4 67.3 58.1 51.3 66.9 39 49.0 56.7 63.6 70.1 73.1 72.4 67.1 55.3 47.0 41.2 56.6 39 24 31 44 53 57 57 36 30 22 12 10 39  0 0 0 1 1 1 1 1 8 0 0 0 3 3 9 0 1 4 1 7 23 23 13 2 0 0 83 3 7 26 39 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
98 92 98 102 104 105 100 96 87 82 105 39 69.6 77.3 83.8 89.7 91.8 91.6 87.3 78.9 68.7 60.9 76.8 39 59.5 67.2 73.9 80.2 82.7 82.2 77.4 67.3 58.1 51.3 66.9 39 49.0 56.7 63.6 70.1 73.1 72.4 67.1 55.3 47.0 41.2 56.6 39 24 31 44 53 57 57 36 30 22 12 10 39  0 0 0 1 1 1 1 1 8 0 0 0 3 3 9 0 1 4 1 7 23 23 13 2 0 0 83 3 7 26 39 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	• • • • •	*****	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • • •	• • • • • •	******
69.6         77.3         83.8         89.7         91.8         91.6         87.3         78.9         68.7         50.9         76.8         39           59.5         67.2         73.9         80.2         82.7         82.2         77.4         67.3         58.1         51.3         66.9         39           49.0         56.7         63.6         70.1         73.1         72.4         67.1         55.3         47.0         41.2         56.6         39           24         31         44         53         57         57         36         30         22         12         10         39           0         0         0         1         1         1         80         0         0         33         9           1         2         0         0         0         0         0         0         33         7         26         39           1         2         0         0         0         0         0         33         7         26         39           1         2         0         0         0         0         0         0         13         36         39 <t< td=""><td>AR .</td><td>APR</td><td>MAY</td><td>JUN</td><td>JUL</td><td>AUG</td><td>SEP</td><td>DCT</td><td>NUY</td><td>DEC</td><td>ANN</td><td>YUK</td></t<>	AR .	APR	MAY	JUN	JUL	AUG	SEP	DCT	NUY	DEC	ANN	YUK
69.6         77.3         83.8         89.7         91.8         91.6         87.3         78.9         68.7         50.9         76.8         39           59.5         67.2         73.9         80.2         82.7         82.2         77.4         67.3         58.1         51.3         66.9         39           49.0         56.7         63.6         70.1         73.1         72.4         67.1         55.3         47.0         41.2         56.6         39           24         31         44         53         57         57         36         30         22         12         10         39           0         0         0         1         1         1         80         0         0         33         9           1         2         0         0         0         0         0         0         33         7         26         39           1         2         0         0         0         0         0         33         7         26         39           1         2         0         0         0         0         0         0         13         36         39 <t< td=""><td>•••••</td><td>•••••</td><td>•••••</td><td>•••••</td><td>•••••</td><td>•••••</td><td>••••••</td><td>• • • • • • •</td><td>•••••</td><td>•••••</td><td>105</td><td>•••••</td></t<>	•••••	•••••	•••••	•••••	•••••	•••••	••••••	• • • • • • •	•••••	•••••	105	•••••
59,5         67,2         73,9         80,2         82,7         82,2         77,4         67,1         55,3         67,0         41,2         56,6         39           24         31         44         53         57         57         36         30         22         12         10         39           0         0         0         1         1         1         \$\$         0         0         0         3         39           0         1         4         17         23         23         13         2         0         0         83         39           0         0         0         0         0         0         0         0         0         83         39           214         53         3         7         26         39         39         13         266         39           43.1         136         294         469         563         543         380         142         39         13         2648         39           47.1         53.4         61.3         68.0         71.1         71.4         65.3         55.8         47.9         40.5         54.8 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>												
49.0       56.7       63.6       70.1       73.1       72.4       67.1       55.3       47.0       41.2       56.6       39         24       31       44       53       57       57       36       30       22       12       10       39         0       0       0       1       1       1       \$\$       0       0       0       33       39         1       \$\$       0       0       0       0       0       0       0       0       83       39         2       0       0       0       0       0       0       0       0       0       0       0       0       0       0       3       39         214       53       3       3       3       4       2       60       235       419       1865       39         214       53       3       3       3       4       2       60       235       419       1865       39         214       53       3       3       3       4       4       9       0       235       419       1865       39         214       513       516					-							
24 31 44 53 57 57 36 30 22 12 10 39  0 0 0 0 1 1 1 1 1 1 \$ 0 0 0 0 3 3 39 0 1 4 17 23 23 13 2 0 0 83 39 1 \$ 0 0 0 0 0 0 0 0 0 0 0 0 0 3 3 99 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 39  214 53 3 \$ 5 0 563 549 380 142 39 13 2648 39  214 53 3 \$ 5 0 563 549 380 142 39 13 2648 39  214 53 3 \$ 5 0 563 549 380 142 39 13 2648 39  215 55 13.22 17.22 11.79 11.16 11.32 11.37 17.65 16.69 13.69 84.10 39 15.55 13.22 17.22 11.79 11.16 11.32 11.37 17.65 16.69 13.69 84.10 39 15.55 13.22 17.22 11.79 11.16 11.32 11.37 17.65 16.69 13.69 84.10 39 15.55 13.22 17.22 11.79 11.16 11.32 11.37 17.65 16.69 13.69 84.10 39 15.55 13.22 17.22 11.79 11.16 11.32 11.37 17.65 16.69 13.69 84.10 39 15.13 4.61 5.49 3.93 4.64 4.45 3.90 4.30 5.04 5.82 57.56 39 16.10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
0 0 0 1 1 1 1 1 8 0 0 0 0 3 39 0 1 4 17 23 23 13 2 0 0 83 39 1 2 0 0 0 0 0 0 0 0 0 0 1 2 39 1 2 0 0 0 0 0 0 0 0 0 0 1 2 39 214 53 3 5 2 60 235 419 1865 39 43 136 294 469 563 549 380 142 39 13 2648 39  47.1 53.4 61.3 68.0 71.1 71.4 65.3 55.8 47.9 40.5 54.8 10 33.0 59.0 65.6 71.6 74.3 74.4 69.0 60.3 52.9 46.2 59.5 10 550 500 350 300 250 250 300 400 450 500 500 10  78.0 77.6 80.0 81.4 82.3 84.2 83.4 82.7 79.1 76.3 79.6 10 55.04 10.18 4.22 6.17 3.64 7.15 55.60 7.87 8.36 5.72 10.18 39 15.55 13.22 17.22 11.79 11.16 11.32 11.37 17.65 16.69 13.69 84.10 39 5.13 4.61 5.49 3.93 4.64 4.45 3.90 4.30 5.04 5.82 57.54 39 3 3 3 2 2 3 3 3 2 2 3 3 3 2 2 3 3 4 34 3 3 4 3 3 4 3 4												
0 1 4 17 23 23 13 2 0 0 83 39 1	24	31	44	5.5					22	12	10	
0 1 4 17 23 23 13 2 0 0 83 39 1	••••	••••	•••••	••••	•••••	••••••	••••	•••••	••••	•••••	*****	******
1				17	32						_	
214 53 3		_										
214 53 3	_	<del></del>	_									
43       136       294       469       563       549       380       142       39       13       2648       39         47.1       53.4       61.3       68.0       71.1       71.4       65.3       55.8       47.9       40.5       54.8       10         53.0       59.0       65.6       71.6       74.3       74.4       69.0       60.3       52.9       46.2       59.5       10         550       500       350       300       250       250       300       400       450       500       500       10         78.0       77.6       80.0       81.4       82.3       84.2       83.4       82.7       79.1       76.3       79.6       10         54.0       52.1       55.1       57.0       57.2       58.1       55.1       53.1       56.8       58.5       56.0       10         55.04       10.18       4.22       6.17       3.64       7.15       5.60       7.87       8.36       5.72       10.18       39         15.55       13.22       17.22       11.79       11.16       11.32       11.37       17.65       16.69       13.69       84.10       39 <td>U</td> <td>U</td> <td>U</td> <td>U</td> <td>U</td> <td>U</td> <td>U</td> <td>U</td> <td>U</td> <td></td> <td>2</td> <td>37</td>	U	U	U	U	U	U	U	U	U		2	37
43       136       294       469       563       549       380       142       39       13       2648       39         47.1       53.4       61.3       68.0       71.1       71.4       65.3       55.8       47.9       40.5       54.8       10         53.0       59.0       65.6       71.6       74.3       74.4       69.0       60.3       52.9       46.2       59.5       10         550       500       350       300       250       250       300       400       450       500       500       10         78.0       77.6       80.0       81.4       82.3       84.2       83.4       82.7       79.1       76.3       79.6       10         54.0       52.1       55.1       57.0       57.2       58.1       55.1       53.1       56.8       58.5       56.0       10         55.04       10.18       4.22       6.17       3.64       7.15       5.60       7.87       8.36       5.72       10.18       39         15.55       13.22       17.22       11.79       11.16       11.32       11.37       17.65       16.69       13.69       84.10       39 <td>214</td> <td>F3</td> <td>•••••</td> <td>*****</td> <td>•••••</td> <td>•••••</td> <td>••••</td> <td>40</td> <td>225</td> <td>410</td> <td>1245</td> <td>20</td>	214	F3	•••••	*****	•••••	•••••	••••	40	225	410	1245	20
17.1 53.4 61.3 68.0 71.1 71.4 65.3 55.8 47.9 40.5 54.8 10 53.0 59.0 65.6 71.6 74.3 74.4 69.0 60.3 52.9 46.2 59.5 10 550 500 350 300 250 250 300 400 450 500 500 10  78.0 77.6 80.0 81.4 82.3 84.2 83.4 82.7 79.1 76.3 79.6 10 54.0 52.1 55.1 57.0 57.2 58.1 55.1 53.1 56.8 58.5 56.0 10  5.04 10.18 4.22 6.17 3.64 7.15 5.60 7.87 8.36 5.72 10.18 39 15.55 13.22 17.22 11.79 11.16 11.32 11.37 17.65 16.69 13.69 84.10 39 5.13 4.61 5.49 3.93 4.64 4.45 3.90 4.30 5.04 5.82 57.54 39 4.0 61 .54 .71 .39 .42 .63 # .13 .36 33.68 39 9 8 8 8 11 10 8 6 6 8 9 104 39 3 3 3 2 3 3 2 2 3 3 2 2 3 4 34 39  1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			_		562	<b>5</b> / O						
37.1       53.4       61.3       68.0       71.1       71.4       65.3       55.8       47.9       40.5       54.8       10         53.0       59.0       65.6       71.6       74.3       74.4       69.0       60.3       52.9       46.2       59.5       10         550       500       350       300       250       250       300       400       450       500       500       10         78.0       77.6       80.0       81.4       82.3       84.2       83.4       82.7       79.1       76.3       79.6       10         54.0       52.1       55.1       57.0       57.2       58.1       55.1       53.1       56.8       58.5       56.0       10         5.04       10.18       4.22       6.17       3.64       7.15       5.60       7.87       8.36       5.72       10.18       39         15.55       13.22       17.22       11.79       11.16       11.32       11.37       17.65       16.69       13.69       84.10       39         5.13       4.61       5.49       3.93       4.64       4.45       3.90       4.30       5.04       5.82       57.54	43	136	294	407	203	243	360	172	- 27	13	2040	
53.0       59.0       65.6       71.6       74.3       74.4       69.0       60.3       52.9       46.2       59.5       10         650       500       350       300       250       250       300       400       450       500       500       10         77.6       80.0       81.4       82.3       84.2       83.4       82.7       79.1       76.3       79.6       10         54.0       52.1       55.1       57.0       57.2       58.1       55.1       53.1       56.8       58.5       56.0       10         55.04       10.18       4.22       6.17       3.64       7.15       5.60       7.87       8.36       5.72       10.18       39         15.55       13.22       17.22       11.79       11.16       11.32       11.37       17.65       16.69       13.69       84.10       39         5.13       4.61       5.49       3.93       4.64       4.45       3.90       4.30       5.04       5.82       57.54       39         40       .61       .54       .71       .39       .42       .63       #       .13       .36       33.68       39 <t< td=""><td>100100 17 1</td><td>53 /</td><td>41 3</td><td>49 0</td><td>71 1</td><td>71 4</td><td>45 3</td><td>EE 0</td><td>47 0</td><td>40 E</td><td>54 0</td><td></td></t<>	100100 17 1	53 /	41 3	49 0	71 1	71 4	45 3	EE 0	47 0	40 E	54 0	
550     500     350     300     250     250     300     400     450     500     500     10       78.0     77.6     80.0     81.4     82.3     84.2     83.4     82.7     79.1     76.3     79.6     10       54.0     52.1     55.1     57.0     57.2     58.1     55.1     56.8     58.5     56.0     10       5.04     10.18     4.22     6.17     3.64     7.15     5.60     7.87     8.36     5.72     10.18     39       15.55     13.22     17.22     11.79     11.16     11.32     11.37     17.65     16.69     13.69     84.10     39       5.13     4.61     5.49     3.93     4.64     4.45     3.90     4.30     5.04     5.82     57.54     39       .40     .61     .54     .71     .39     .42     .63     #     .13     .36     33.68     39       9     8     8     8     11     10     8     6     8     9     104     39       1.0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0												
78.0 77.6 80.0 81.4 82.3 84.2 83.4 82.7 79.1 76.3 79.6 10 54.0 52.1 55.1 57.0 57.2 58.1 55.1 53.1 56.8 58.5 56.0 10  5.04 10.18 4.22 6.17 3.64 7.15 5.60 7.87 8.36 5.72 10.18 39 15.55 13.22 17.22 11.79 11.16 11.32 11.37 17.65 16.69 13.69 84.10 39 5.13 4.61 5.49 3.93 4.64 4.45 3.90 4.30 5.04 5.82 57.54 39 40 .61 .54 .71 .39 .42 .63 # .13 .36 33.68 39 9 8 8 8 11 10 8 6 8 9 104 39 3 3 3 2 3 3 2 2 3 4 34 34 39  1.0 0 0 0 0 0 0 0 0 0 0 0 # # 5.1 36 1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
54.0       52.1       55.1       57.0       57.2       58.1       55.1       53.1       56.8       58.5       56.0       10         5.04       10.18       4.22       6.17       3.64       7.15       5.60       7.87       8.36       5.72       10.18       39         15.55       13.22       17.22       11.79       11.16       11.32       11.37       17.65       16.69       13.69       84.10       39         5.13       4.61       5.49       3.93       4.64       4.45       3.90       4.30       5.04       5.82       57.54       39         .40       .61       .54       .71       .39       .42       .63       #       .13       .36       33.68       39         9       8       8       8       11       10       8       6       8       9       104       39         3       3       2       3       3       2       2       3       4       34       39         1.0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       136	550		350	300	230	230	300	700	430		- 500	
54.0       52.1       55.1       57.0       57.2       58.1       55.1       53.1       56.8       58.5       56.0       10         5.04       10.18       4.22       6.17       3.64       7.15       5.60       7.87       8.36       5.72       10.18       39         15.55       13.22       17.22       11.79       11.16       11.32       11.37       17.65       16.69       13.69       84.10       39         5.13       4.61       5.49       3.93       4.64       4.45       3.90       4.30       5.04       5.82       57.54       39         .40       .61       .54       .71       .39       .42       .63       #       .13       .36       33.68       39         9       8       8       8       11       10       8       6       8       9       104       39         3       3       2       3       3       2       2       3       4       34       39         1.0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       136	79 0	77 6	80 0	01 6	92 2	04 2	92 4	92 7	70.1	76 3	79.6	10
5.04 10.18 4.22 6.17 3.64 7.15 5.60 7.87 8.36 5.72 10.18 39 15.55 13.22 17.22 11.79 11.16 11.32 11.37 17.65 16.69 13.69 84.10 39 5.13 4.61 5.49 3.93 4.64 4.45 3.90 4.30 5.04 5.82 57.54 39 4.0 .61 .54 .71 .39 .42 .63 # .13 .36 33.68 39 9 8 8 8 8 11 10 8 6 8 9 104 39 3 3 3 2 3 3 2 2 3 4 34 34 39 1.0 0 0 0 0 0 0 0 0 0 # # 5.1 36 1.0 0 0 0 0 0 0 0 0 0 # # 9.1 36 # 0 0 0 0 0 0 0 0 0 # # 9.1 36 # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
15.55	J4.U	2241	99.1	37.0	3102	70.1	7741	9301	70.0	.70 • 7	50.0	10
15.55	5 04	10 10	4 22	4 17	3.64	7.15	5.60	7.87	8.36	5.72	10.18	30
5.13       4.61       5.49       3.93       4.64       4.45       3.90       4.30       5.04       5.82       57.54       39         .40       .61       .54       .71       .39       .42       .63       #       .13       .36       33.68       39         9       8       8       8       11       10       8       6       8       9       104       39         3       3       2       3       3       2       2       3       4       34       39         1.0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0<												
.40       .61       .54       .71       .39       .42       .63       #       .13       .36       33.68       39         9       8       8       8       11       10       8       6       8       9       104       39         3       3       3       2       3       3       4       34       39         1.0       0       0       0       0       0       0       0       34       34       39         1.0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>												
9       8       8       8       11       10       8       6       8       9       104       39         3       3       3       2       3       3       4       34       39         1.0       0       0       0       0       0       0       0       34       34       39         1.0       0       0       0       0       0       0       0       36       36         1.0       0       0       0       0       0       0       0       0       36       36         2       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0												
3 3 3 2 3 3 2 2 3 4 34 39  1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			<u> </u>									
1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.0	n	0	0	n	0	0	0			5.1	36
# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			_									
7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			_									
0 0 0 0 0 0 0 0 0 0 0 0 0 0 36  # 0 0 0 0 0 0 0 0 0 0 9 36  1180 \$180 \$180 \$180 \$180 \$150 \$030 \$150 \$150 \$150 \$150 \$0  4.8 4.1 3.3 2.5 2.1 2.0 2.5 2.9 3.7 4.1 3.4 10  56 58 63 72 44 47 48 42 52 44 72 33  52.0 52.7 50.0 43.4 39.0 38.9 36.0 43.2 53.0 55.8 48.6 10  5 5 7 9 13 11 6 3 3 3 70 36		$\frac{\ddot{o}}{o}$	<del></del>		<del></del> 5	<del></del>		<del></del>	<del></del>	<del>- </del> -	<del></del>	7.6
# 0 0 0 0 0 0 0 0 0 0 9 36 \$180 \$180 \$180 \$180 \$180 \$150 \$030 \$150 \$150 \$150 \$150 \$0 4.8 4.1 3.3 2.5 2.1 2.0 2.5 2.9 3.7 4.1 3.4 10 56 58 63 72 44 47 48 42 52 44 72 33 \$2.0 52.7 50.0 43.4 39.0 38.9 36.0 43.2 53.0 55.8 48.6 10 5 5 7 9 13 11 6 3 3 3 70 36		ñ			ñ	ń			Ô	٥	- #	
\$180 \$180 \$180 \$180 \$180 \$180 \$150 \$030 \$150 \$150 \$150 \$150 \$0 4.8 4.1 3.3 2.5 2.1 2.0 2.5 2.9 3.7 4.1 3.4 10 56 58 63 72 44 47 48 42 52 44 72 33 \$2.0 52.7 50.0 43.4 39.0 38.9 36.0 43.2 53.0 55.8 48.6 10 5 5 7 9 13 11 6 3 3 3 70 36			• • • • • • •	<u> </u>	• • • • • • •		<u> </u>					
\$180 \$180 \$180 \$180 \$180 \$180 \$150 \$030 \$150 \$150 \$150 \$150 \$0 4.8 4.1 3.3 2.5 2.1 2.0 2.5 2.9 3.7 4.1 3.4 10 56 58 63 72 44 47 48 42 52 44 72 33 \$2.0 52.7 50.0 43.4 39.0 38.9 36.0 43.2 53.0 55.8 48.6 10 5 5 7 9 13 11 6 3 3 3 70 36		0	0	0	0	0	0	D	0	0	9	36
4.8 4.1 3.3 2.5 2.1 2.0 2.5 2.9 3.7 4.1 3.4 10 56 58 63 72 44 47 48 42 52 44 72 33 52.0 52.7 50.0 43.4 39.0 38.9 36.0 43.2 53.0 55.8 48.6 10 5 5 7 9 13 11 6 3 3 3 70 36												
4.8 4.1 3.3 2.5 2.1 2.0 2.5 2.9 3.7 4.1 3.4 10 56 58 63 72 44 47 48 42 52 44 72 33 52.0 52.7 50.0 43.4 39.0 38.9 36.0 43.2 53.0 55.8 48.6 10 5 5 7 9 13 11 6 3 3 3 70 36	1180	\$180	\$180	\$180	\$180	\$150	\$030	\$150	\$150	\$150	\$150	10
56     58     63     72     44     47     48     42     52     44     72     33       52.0     52.7     50.0     43.4     39.0     38.9     36.0     43.2     53.0     55.8     48.6     10       5     5     7     9     13     11     6     3     3     3     70     36												
52.0 52.7 50.0 43.4 39.0 38.9 36.0 43.2 53.0 55.8 48.6 10 5 5 7 9 13 11 6 3 3 3 70 36												
5 5 7 9 13 11 6 3 3 70 36			••••		• • • • • • •	• • • • • •						
5 5 7 9 13 11 6 3 3 70 36	52.0	52.7	50.0	43.4	39.0	38-9	36.0	43.2	53.0	55.8	48.6	10
			7									
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_	19	-			-	_				
	,	•••••	•••••	•••••	• • • • • •	*****		•••••		*****	• • • • • •	•••••

INTHS

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

and the second s

				PERC	ENT DC	URRENCE	FREQUE	ICY OF
	HONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL
• • • • • • • • • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •
-	LST 00 - 02	29.4	33.8	21.5	20.0	16.5	6.3	4.4
	03 - 05	35.4	41.5	29.9	29.9	28.9	18.7	10.0
CIG	06 - 08	41.0	46.6	35.8	39.0	36.6	25.4	14.9
LT 3000 FT	09 - 11	35.3	37.6	29.5	25.2	22.2	12.2	6.5
AND/OR	12 - 14	29.9	30.7	21.7	14.2	11.2	5.2	4.3
VSBY	15 - 17	24.3	23.3	16.2	11.3	6.2	3.1	3.1
LT 3 4I	18 - 20	24.7	23.7	12.0	11.6	5.4	2.8	2.6
C1 3 11	21 - 23	27.6	27.2	14.8	13.6	8.7	2.1	2.4
_ and a mission of the contract of the contrac	ALL	30.9	33.1	22.7	20.6	16.9	9.5	6.0
	MLC				20.0	1007	747	
	00 - 02	21.1	24.4	12.7	10.7	10.0	4.2	2.7
	03 - 05	26.7	31.8	19.1	19.9	20.9	15.6	8.8
CIG	06 - 08	32.3	35.3	25.8	28.0	27.4	20.1	13.3
LT 1500 FT	09 - 11	26.5	27.0	16.9	12.1	7.7	4.4	2.6
AND/OR	12 - 14	19.6	19.8	8.4	6.2	3.2	.9	1.6
VSBY	15 - 17	14.8	14.6	7.2	5.1	3.2	.7	1.1
LT 3 MI	18 - 20	16.1	13.2	6.9	4.6	2.5	1.1	• 6
	21 - 23	18.4	17.4	7.7	6.7	2.9	. 9	. 3
	ALL	21.9	22.9	13.1	11.7	9.7	6.0	3.9
				• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
	00 - 02	15.5	18.3	7.7	6.9	4.8	2.2	1.7
	03 - 05	20.2	23.7	11.5	12.0	11.7	8.9	5.6
CIG	06 - 08	25.6	27.3	17.6	18.3	16.5	10.3	7.5
LT 1000 FT	09 - 11	19.9	20.1	9.5	5.2	2.7	1.4	1.1
AND/OR	12 - 14	12.2	12.5	5.2	2.7	. 9	• 4	• 3
VSBY	1517	10.1	9.7	4.7	3.1	1.6	.4	5
LT 2 MI	18 - 20	12.7	9.3	4.5	2.8	•6	. 4	• 3
	21 - 23	13.9	12.4	4.1	2.9	1.2		
	ALL	16.2	16.7	8.1	6.7	5.0	3.1	2.2
• • • • • • • • • • • • • • • • • • • •	00 - 02	1.4	2.4	.1	.1	.0		· · · · · · · · · · · · · · · · · · ·
	03 - 05	3.5	3.3	2.5	1.5	1.1	.4	• 6
CIG	06 - 08	4.6	3.7	3.2	3.7	1.8	• 9	. 8
LT 200 FT	09 - 11	2.2	1.4	•0	.1	•0	• 0	•0
AND/OR	12 - 14		•0	.0			•0	• 0
VSBY	15 - 17	.5	•1	.0	.5	•0	•0	• 0
LT 1/2 MI	18 - 20	. 3	.6	.0	.5	- · · · - <del>. i</del> · · ·	.0	0
ET 2/2 111	21 - 23	1.1	1.2	.0	.0	.0	•0	•0
	ALL	1.7	1.6	• • • • • • • • • • • • • • • • • • • •			•2	• 2
		• • • • • • •	• • • • • • •			• • • • • • •	• • • • • •	• • • • •
HURRICANES/	TROPICAL STO	KMS DBS	ERVED FO	R THE	PERIOD	1400 -	1480:	
		HR/TS	JAN	- <b>- -</b>	EB	MAR	APR	MAY
		60NM	0/0		10	0/0	0/0	0/0
		120NM	0/0		70	0/0	0/0	0/1
		24044	3,0		40	0.70	0.40	0/1

	60NM	0/0	0/0	0/0	0/0	0/0
	120NM	0/0	0/0	070	0/0	0/1
	240NM	0/0	0/0	0/0	0/0	0/1
e en meet need to the things						
and the second s	HRZTS	JUL	AUG	SEP	OCT	УСИ
	MMC6	0/0	3/6	1/5	0/0	0/0
	120NM	0/4	7/8	8/15	2/4	0/0
	240NM	5/10	21/22	19/36	3/9	0/0

The commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence o

للمواجعة والمهارين والمتعارض والمتعا

را فضمه فقه المراس المورد

	FREQUE	<b>-</b>			STRIFTL	Υ:			<b>465</b>	
MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	- <b>-</b> -
• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	
16.5	6.3	4.4	2.9	8.7	18.8	29.7	31.4	18.6	10	
28.9	18.7	10.0	11.7	18.1	32.0	38.3	36.0	27.5	10	
36.6	25.4	14.9	21.8	33.0	43.3	44.2	39.2	35.1	10	
22.2	12.2	6.5	10.6	15.0	28.1	36.3	35.8	24.5	10	
11.2	5.2	4.3	5.8	10.0	19.0	26.1	27.3	17.1	10	
6.2	3.1	3.1	4.0	5.7	12.7	19.7	21.4	12.6	10	
5.4	2.8	2.6	3.2	4.4	11.9	18.4	22.0	11.9	10	
8.7	2.1	2.4	1.4	4.8	12.2	21.6	27.5	13.7	10	
16.9	9.5	6.0	7.7	12.5	22.3	29.3	30.1	20.1	10	
• • • • •	•••••	• • • • • •			• • • • • •			•••••		
10.0	4.2	2.7	2.2	7.3	13.2	20.0	23.5	12.7	10	
20.9	15.6	8.8	11.1	17.0	27.8	28.1	27.1	21.2	10	
27.4	20.1	13.3	20.3	30.3	39.5	34.7	31.0	28.2	10	
7.7	4.4	2.6	6.3	10.1	21.2	24.9	25.9	15.5	10	
3.2 3.2	.9	1.6	2.2	3.9	8.9 7.1	12.0 10.6	15.9 15.3	8.5 7.1	10	
2.5	1.1	.6	1.8	3.3	6.8	9.8	14.3	6.7	10	
2.9	.9	.8	.6	2.8	7.8	14.4	16.1	8.0	10	
9.7	6.0	3.9	5.8	9.6	16.5	19.3	21.1	13.4	10	
,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,	,,,,					• • • • • • • •	
4.8	2.2	1.7	1.2	5.3	9.1	14.0	17.0	8.6	10	
11.7	8.9	5.6	6.2	10.9	20.2	20.1	19.2	14.2	10	
16.5	10.3	7.5	11.7	20.3	29.2	26.3	26.0	19.7	10	
2.7	1.4	1.1	3.4	4.4	14.0	16.9	19.7	9.9	10	
• 9	. 4	• 3	1.0	1.2	5.2	8.2	11.0	5.1	10	
1.6	.4	.5	1.0	1.9	5.3	7.8	9.6	4.6	10	
•6	. 4	• 3	1.4	1.3	5.6	6.2	10.6	4.6	10	
1.2	• 2	•5	• 5	2.1	6.1	10.3	14.0	5.7	10	
5.0	3.1	2.2	3.3	5.9	11.9	13.7	15.9	9.0	10	
· · · · ·	• • • • • •		· · · · · · ·			1 0	7 =	• • • • • • • • • • • • • • • • • • •	10	
.0	.1	. 4	•0	1 3	2.5	1.9	2.5	• B	10	
1.1	• 4	.8	1.4	2.2	2.5 5.9	4.6	3.2 4.2	2.1 3.1	10	
•0	• 0	•0	•0	•0	.1	•6	1.9	•5	10	
.1	•0	•0	.0	.0	.0	•0	•1	•0	10	
.0	•0	•0	•0	•0	•0	.0	.1	.1	10	
·i	.0	.0	••	.0	- 2	3	.8	• • • •	10	
•0	.0	.0	•0	•0	• 2	1.0	1.3	.4	10	
	.2	.2	•3	•5	1.2	1.5	1.8	• 9	10	
	•••••		• • • • • •	• • • • • •	- • • • • • •	• • • • • •		• • • • • •	• • • • • • •	
000 -	1986:									
R	APR	MAY	JUN							
0	0/0	0/0	1/1							
0	0/0	0/1	3/5							
<u>'0</u>	0/0	0/1	5/9							
P	UCT	VCN	DEC		ANN				<del></del>	
'5	0/0	0/0	0/0		5/12					
15	2/4	0/0	0/0		0/37			<del></del>		
36	3/9	0/0								

and the second s